# NEW from Black & Decker!

## VALUE-PLUS™

***NOW... Black & Decker brings you an exciting, new line of power tools designed to give you MORE VALUE for your money.***

Featured in the VALUE-PLUS™ line are such values as higher motor horsepower to do jobs faster, tackle bigger jobs; exclusive recessed center locking button to guard against accidental "lock-on"; and the exclusive detachable cord feature that permits locking 6 ft. cord away for safety. Special value kits and assortments containing the new VALUE-PLUS™ tools are shown on page 2. Look for the orange tools with the VALUE-PLUS™ symbol on other pages.

Rec'd 10/14/75

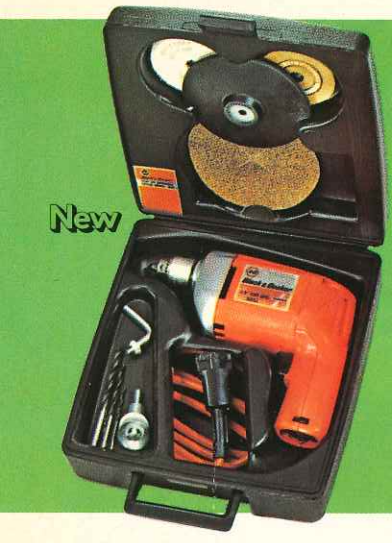
**Black & Decker®**

Consumer Indoor Products Division
CATALOG 290/JUNE-DECEMBER 1975
PLEASE SEE RETAIL PRICE LIST FOR PRICES

BLACK & DECKER MFG. CO.
1020 ROCKVILLE PIKE
ROCKVILLE, MARYLAND 20852

# Black & Decker® tool kits and assortments

**Some of the most useful, value-packed gifts you can buy for any occasion.**



**7081 *VALUE-PLUS*™**
**¼" VARIABLE SPEED DRILL KIT**

Variable speed lets you pick the speed to suit the job. Good for driving screws. Includes 7080 ¼" Variable Speed Drill, chuck key, custom-fitted plastic carrying case, 3 drill bits, 5 sanding discs, backing pad, wheel arbor, cotton buff, cushioned-action abrasive polishing wheel.

**7131 *VALUE-PLUS*™**
**⅜" DRILL KIT**

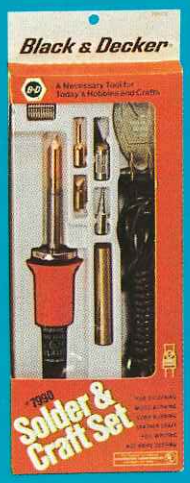
⅜" Drill geared for bigger, tougher jobs. Versatile drill and accessories in custom-fitted carrying case. A good choice for general-purpose work. Includes 7130 ⅜" Drill, chuck key, carrying case, backing pad, wheel arbor, 5 sanding discs, cotton buff, cushioned-action abrasive polishing wheel, 3 drill bits.

**7181 *VALUE-PLUS*™**
**⅜" VARIABLE SPEED DRILL KIT**

Variable Speed Drill lets you choose correct speed for each job. ⅜" Drill geared for bigger, tougher jobs. Good for screw driving. Includes 7180 ⅜" Variable Speed Drill, chuck key, custom-fitted plastic carrying case, 3 drill bits, 5 sanding discs, backing pad, wheel arbor, cotton buff, cushioned-action abrasive polishing wheel.

**7531 *VALUE-PLUS*™**
**TWO-SPEED JIG SAW KIT**

Two-Speed Jig Saw lets you pick the speed to suit the job. Low speed for metals and plastics, high speed for wood and compositions. Includes 7530 Two-Speed Jig Saw, custom-fitted plastic carrying case, U2151 rip fence, 4 assorted jig saw blades, blade packet.



**7611**
**.75 HP (Max. Motor Output) ROUTER KIT**

Cuts, routs, grooves, trims and decorates in wood, plastic, compositions. A professional performance tool that every home workshop should have. Includes 7610 Router, 2 wrenches, straight and circular guide, ¼" high speed steel straight 2 flute bit, custom-fitted plastic carrying case.

**7990**
**SOLDER AND CRAFT SET**

Useful, Versatile, Creative! The tool needed for today's hobbies and crafts. Use for soldering, wood burning, cork burning, leather craft, foil writing and hot knife cutting. Double insulated for safety and convenience. Includes heating unit, chisel soldering tip, pyramid soldering tip, craft tip, foil writing tip, hot knife and collet; approx. 18" long, 1/16" dia. solder; approx. 12½ sq. ins. gold foil paper; cooling stand; 6 ft. cord; 27 watts; 120V AC/DC.

**7431 *VALUE-PLUS*™**
**SANDER/POLISHER ASSORTMENT**

A dust collecting sander and a polisher. Add the dust collecting attachment and sandpaper and you have a finishing sander that's good for general-purpose sanding. Substitute the polishing pad for the sandpaper, remove the dust collecting attachment and you have a high speed polisher. Includes 7430 Finishing Sander, 74-001 dust collecting sanding attachment, 3⅝" x 9" polishing pad, 12 sheets assorted grit sandpaper.

**9301**
**CORDLESS SOLDERING PENCIL**

**Cordless convenience. Use indoors or outdoors, anywhere.** Weighs only 6 oz. Just 7½" long. Housing of high-impact resistant plastic. Built-in light illuminates soldering area. Handy for hobbies, home repairs. Good for electricians, repairmen. Includes 2 nickel cadmium batteries, charger and tool rest. Will solder 35 to 100 joints per charge depending upon type of application. Heats in seconds. Finger-tip ON-OFF button for safety and convenience.

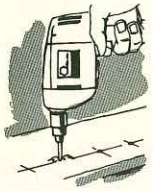
**91-301** Repl. Chisel Soldering Tip

**91-302** Precision Soldering Tip

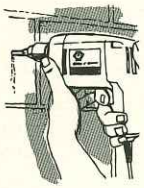
# Black & Decker® drill buying guide

Black & Decker offers a wide range of ¼", ⅜" and ½" Drills for both general and specialized "in use" applications. The size designation of the drill (¼" ⅜", ½") refers to the maximum diameter drill bit or accessory/attachment **shank** that will be accepted by the chuck of the drill. However, while chuck capacity is often the most apparent difference between pistol grip drills of all sizes, it is by no means the only difference. As the chuck size increases on Black & Decker drills the work capacity becomes greater, in that ⅜" drills are geared to deliver slower speeds and more torque, or twisting power, than ¼" drills . . . while ½" drills offer still slower speeds and more power than ⅜" models. Simply stated, as a car has more power but slower speeds in lower gears, so does a drill.

Specific work capacities in steel and hardwood are listed with the description of each drill model.



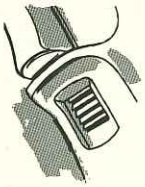
**¼" DRILLS** — As a general guide in selecting the right size drill for individual use — a ¼" drill is a good choice for the home handyman or tradesman wanting a high speed drilling capability in most woods and compositions, and adequate power for intermittent light duty drilling in masonry and metals. Because of the higher speed a ¼" drill is also an especially good choice if it is to be used frequently with sanding, polishing or buffing accessories.



**⅜" DRILLS** — A ⅜" drill offers a greater measure of versatility in that it is capable of heavier duty work, such as drilling larger hole diameters and prolonged use in metals and masonry. Further, it will drive all the accessories/attachments of a ¼" drill, including sanding, polishing and buffing (although at slower speeds). When used with most other accessories/attachments a ⅜" drill delivers more efficient performance.

**½" DRILLS** — For the big project jobs and frequent use in concrete, or with large size hole saws a ½" drill is recommended. A ½" drill is a good choice for the service tradesman or for continuous heavier duty use in the home. It is particularly valuable as the "second" drill in the home workshop because of its added capacity.

**SPEED CONTROL DRILLS** — In all size categories Black & Decker offers single speed and multi-speed models. Single speed units run at their maximum rated speed (see model capacities) as soon as they are turned on. Two speed or variable speed models allow added versatility in that they allow matching a speed to the job at hand. Two speed models offer a high speed for use in wood, compositions or soft metals while a slower speed enables greater efficiency and performance in hardwoods, masonry and most other metals. Variable speed units allow the user to infinitely vary the speed of the tool from 0 to maximum speed at will — a decided advantage in driving screws, threading or rethreading screw holes, or drilling in ceramics, smooth surfaces or other materials previously "undrillable" with single speed units.



**LOCKING BUTTON** — All Black & Decker drills feature a locking button, which enables the unit to be locked "on" for continuous duty use. This is especially valuable when using sanding, grinding, wire brushing and polishing attachments. On most variable speed models a pre-set button, together with the locking button allow the user to lock-in at whatever speed selected.

**REVERSING ACTION** — Several Black & Decker drills also feature reversing action. A reversing switch is not only handy for backing off screws, but also for removing jammed drill bits. On variable speed reversing units the reversing speed is also variable — a further convenience.

Black & Decker's complete drill line affords the user a wide choice to suit both need and pocketbook. The information above, together with the individual descriptions for each drill will hopefully guide you in selecting the "right" drill.

® or TM indicates trademark owned by The Black & Decker Manufacturing Company, Towson, Maryland, U.S.A.

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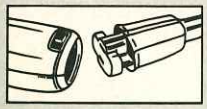
## DOUBLE INSULATION:

Some Black & Decker workshop tools listed in this catalog are of double insulated construction. They are so designated. These products incorporate built-in protection against electric shock hazards while eliminating the need for grounding. They are, therefore, equipped with convenient two prong plugs (except saws Nos. 3036-09, 3037-09, 3038-09) which can be safely used with all standard receptacles—an advantage in situations where proper grounding might be a problem.

## 7030 VALUE-PLUS™ 1/4" DRILL

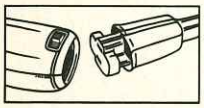
**1/3 HP** (Max. Motor Output). Quality construction and excellent performance. A powerful drill for most homeowner and workshop use. Drives all the most popular accessories for sanding, polishing, buffing, grinding and wire brushing. Double insulated. Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Exclusive recessed center locking button guards against accidental "lock-on." Precision ball-thrust bearing system. Capacity: steel 1/4″, hardwood 1/2″; 2500 RPM; 120V AC; 3 amps; net wt 2¾ lbs, ship wt 3 lbs.



Exclusive Detachable Cord Feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6 ft. cord to be locked away for safety. Easier cord replacement. 15′ and 25′ extension cords that fit drill handle are available.

## 7080 VALUE-PLUS™ 1/4" VARIABLE SPEED DRILL

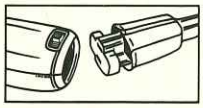
**1/3 HP** (Max. Motor Output). It's a drill or a screwdriver. "Acceleration" trigger delivers from 0 to 2500 RPM. The farther you pull back the trigger the faster the speed. Good for driving screws. Double insulated. Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Exclusive recessed center locking button guards against accidental "lock-on". Precision ball-thrust bearing system. Capacity: steel 1/4″, hardwood 1/2″; 0-2500 RPM; 120V AC; 3 amps; net wt 2¾ lbs, ship wt 3 lbs.



Exclusive Detachable Cord Feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6 ft. cord to be locked away for safety. Easier cord replacement. 15′ and 25′ extension cords that fit drill handle are available.

## 7090 VALUE-PLUS™ 1/4" VARIABLE SPEED REVERSING DRILL WITH INFINITE SPEED LOCK

**1/3 HP** (Max. Motor Output). Versatile. It's a drill . . . it's a powerful screwdriver. Reversing switch for backing out screws, removing jammed drill bits. The farther you pull back the trigger the faster the speed. Trigger can be locked at correct speed for each job. Double insulated. Precision ball-thrust bearing system. Exclusive recessed center locking button guards against accidental "lock-on". Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Capacity: steel 1/4″, hardwood 1/2″; 0-2500 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3½ lbs.



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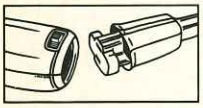
## 7024 1/4" VARIABLE SPEED DRILL WITH INFINITE SPEED LOCK

commercial duty

**.40 HP** (Max. Motor Output). It's a drill or a screwdriver. "Acceleration" trigger delivers from 0 to 1900 RPM. The farther you pull back the trigger the faster the speed. Good for driving screws. Trigger switch can be locked at correct speed for each job. Double insulated. Precision ball-thrust bearing system. Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Exclusive recessed center locking button guards against accidental "lock-on". Capacity: steel 1/4″, hardwood 1/2″; 0 to 1900 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3⅜ lbs.



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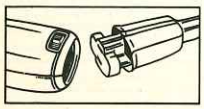
## 7004 1/4" DRILL

OUTSTANDING VALUE. Combines quality construction and excellent performance. A good choice for light duty work and occasional building or remodeling projects. Drives all the most popular accessories for sanding, polishing, buffing, grinding and wire brushing. Double insulated. Exclusive recessed center locking button guards against accidental "lock-on". Precision ball-thrust bearing system. Capacity: steel 1/4″, hardwood 1/2″; 2500 RPM; 120V AC; .20 HP (Max. Motor Output); 2 amps; net wt 2⅝ lbs, ship wt 3 lbs.

## 7054 1/4" VARIABLE SPEED REVERSING DRILL WITH INFINITE SPEED LOCK

**.40 HP** (Max. Motor Output). Versatile. It's a drill . . . it's a screwdriver. Reversing switch for backing out screws, removing jammed drill bits. The farther you pull back the trigger the faster the speed. Trigger can be locked at correct speed for each job. Double insulated. Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Precision ball-thrust bearing system. Roller bearing at heavy load points for long life, greater operating efficiency. Exclusive recessed center locking button guards against accidental "lock-on". Capacity: steel 1/4″, hardwood 1/2″; 0 to 1900 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3½ lbs.



Exclusive Detachable Cord Feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6 ft. cord to be locked away for safety. Easier cord replacement. 15′ and 25′ extension cords that fit drill handle are available.

commercial duty

## 7077 1/4" CORDLESS DRILL

Use anywhere, anytime because power source is built in. No cords to store, nothing to plug in. Perfect for on-site work where availability of electric outlets is a problem or where electricity may be a hazard. Powered by a self-contained power pack. A charger is also included as standard equipment. Unit fully recharges in 16 hours. 800 RPM; net wt 3⅜ lbs, ship wt 3⅞ lbs.

**70-777 Repl. Cordless Drill Charger.** Available only at Black & Decker Service Centers.

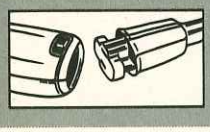


SEE MOD 4™ CORDLESS DRILL ON PAGE 32

New

"Acceleration" trigger switch delivers speed from 0 to 1200 RPM at a touch.

Exclusive recessed center locking button guards against accidental "lock-on".



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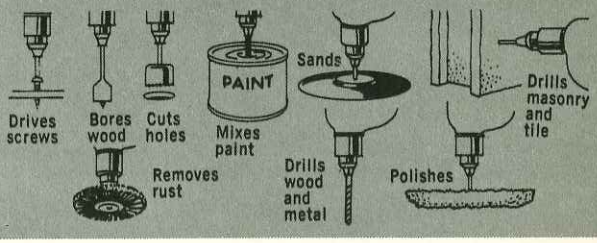
## 7180 VALUE-PLUS™ 3/8" VARIABLE SPEED DRILL

**1/3 HP** (Max. Motor Output). Variable speed versatility, double reduction gearing and 3/8" chuck capacity make this drill very desirable for home or shop. Handles bigger, tougher jobs with ease. Use it as a drill or screwdriver. The farther you pull back the trigger the faster the speed. Precision ball-thrust bearing system. Double insulated. Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Exclusive recessed center locking button guards against accidental "lock-on". Capacity: steel 3/8", hardwood 3/4"; 0 to 1200 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3½ lbs.

1

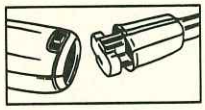
With optional accessories . . .




## 7130 VALUE-PLUS™ 3/8" DRILL

**1/3 HP** (Max. Motor Output). Quality construction and excellent performance. A powerful drill for most homeowner and workshop use. Double reduction gear system delivers high-power drilling action. Well balanced, comfortable to use. Precision ball-thrust bearing system. Double insulated. Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Exclusive recessed center locking button guards against accidental "lock-on". Capacity: steel 3/8", hardwood 3/4"; 1200 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3½ lbs.

New

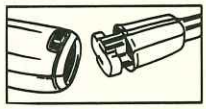


Exclusive Detachable Cord Feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6 ft. cord to be locked away for safety. Easier cord replacement. 15′ and 25′ extension cords that fit drill handle are available.

## 7190 VALUE-PLUS™ 3/8" VARIABLE SPEED REVERSING DRILL WITH INFINITE SPEED LOCK

**1/3 HP** (Max. Motor Output). Versatile. It's a drill . . . it's a screwdriver. Reversing switch for backing out screws, removing jammed drill bits. The farther you pull back the trigger the faster the speed. Trigger can be locked at correct speed for each job. Double insulated. Double reduction gearing and added capacity of 3/8" chuck permit handling bigger, tougher jobs with ease. Precision ball-thrust bearing system. Exclusive recessed center locking button guards against accidental "lock-on". Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Capacity: steel 3/8", hardwood 3/4"; 0 to 1200 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3½ lbs.

New

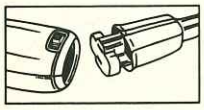


Exclusive Detachable Cord Feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6 ft. cord to be locked away for safety. Easier cord replacement. 15′ and 25′ extension cords that fit drill handle are available.

## 7124 3/8" VARIABLE SPEED DRILL WITH INFINITE SPEED LOCK

commercial duty

**.40 HP** (Max. Motor Output). Variable speed versatility, double reduction gearing and the added capacity of a 3/8" chuck make this drill very desirable for home or shop. Use it as a drill or screwdriver. The farther you pull back the trigger the faster the speed. Trigger can be locked at correct speed for each job. Precision ball-thrust bearing system. Roller bearings at heavy load points for long life and greater operating efficiency. Exclusive recessed center locking button guards against accidental "lock-on". Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Double insulated. Capacity: steel 3/8", hardwood 3/4"; 0 to 1200 RPM; 120V AC; 3 amps; net wt 3 lbs, ship wt 3½ lbs.



Exclusive Detachable Cord Feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6 ft. cord to be locked away for safety. Easier cord replacement. 15′ and 25′ extension cords that fit drill handle are available.

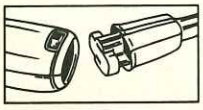
## 7104 3/8" DRILL

General-purpose drill for most homeowner and workshop use. Double reduction gear system delivers high-power drilling action. Well balanced, comfortable to use. Precision ball-thrust bearing system. Double insulated. Exclusive recessed center locking button guards against accidental "lock-on". Drives the most popular accessories and attachments. Capacity: steel 3/8", hardwood 3/4"; 1200 RPM; 120V AC; .22 HP (Max. Motor Output); 2 amps; net wt 2⅞ lbs, ship wt 3⅛ lbs.

## 7154 3/8" VARIABLE SPEED REVERSING DRILL WITH INFINITE SPEED LOCK

**.40 HP** (Max. Motor Output). Versatile. Use as a drill or a power screwdriver. Reversing switch for backing out screws, removing jammed drill bits. Double reduction gearing and added capacity of 3/8" chuck permit handling of bigger, tougher jobs with ease. The farther you pull back the trigger the faster the speed. Trigger can be locked at correct speed for each job. Double insulated. Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Exclusive recessed center locking button guards against accidental "lock-on". Roller bearing at heavy load points for long life and greater operating efficiency. Capacity: steel 3/8", hardwood 3/4" 0 to 1200 RPM; 120V AC; 3 amps; net wt 3½ lbs, ship wt 4 lbs.

commercial duty



Exclusive Detachable Cord Feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6 ft. cord to be locked away for safety. Easier cord replacement. 15′ and 25′ extension cords that fit drill handle are available.

## 7174 3/8" REVERSIBLE SCRU-DRILL® SCREWDRIVER DRILL

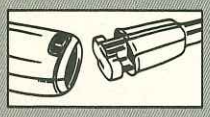
Exclusive combination high torque commercial-duty 3/8" Screwdriver and Drill. Instantly converts tool from a drill to a screwdriver. Will drive up to #10 wood screws or #12 self-tapping screws at full power. Reversing switch permits removal of screws and nuts. As a 3/8" drill, handles bigger, tougher jobs. Good for work in shop or service trades. Rugged metal housing. 1000 RPM; 2.5 amps; 120V AC; net wt 4 lbs, ship wt 4⅜ lbs.

See page 10 for a wide selection of screwdriver bits and sockets for use with this model.

New

## 7230 VALUE-PLUS™ ½" REVERSING DRILL

**1/3 HP** (Max. Motor Output). A powerful tool for big job drilling. Reversing action for removing jammed drill bits. Exclusive recessed center locking button guards against accidental "lock-on". Double insulated. Precision ball-thrust bearing system. Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Triple reduction gearing and powerful motor deliver the torque while compact size, light weight and removable auxiliary side handle make it easy to use. Capacity: ½″ steel, 1″ hardwood; 550 RPM; 120V AC; 3 amps; net wt 4 lbs, ship wt 4¼ lbs.

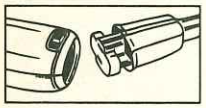


Exclusive Detachable Cord Feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6 ft. cord to be locked away for safety. Easier cord replacement. 15′ and 25′ extension cords that fit drill handle are available.

New

## 7280 VALUE-PLUS™ ½" VARIABLE SPEED DRILL

**1/3 HP** (Max. Motor Output). Pick the speed to suit the job. The farther you pull back the trigger the more speed and torque you get. Good for drilling in ceramics, masonry, metals. Good for screwdriving. Double insulated. Precision ball-thrust bearing system. Exclusive recessed center locking button guards against accidental "lock-on". Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Triple reduction gearing. Removable side handle. Capacity: ½″ steel, 1″ hardwood; 0 to 550 RPM; 120V AC; 3 amps; net wt 4 lbs, ship wt 4⅛ lbs.

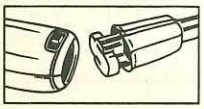


Exclusive Detachable Cord Feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6 ft. cord to be locked away for safety. Easier cord replacement. 15′ and 25′ extension cords that fit drill handle are available.

## 7254 ½" VARIABLE SPEED REVERSING DRILL WITH INFINITE SPEED LOCK

**.40 HP** (Max. Motor Output). Select the speed to suit the job. The farther you pull the trigger the more speed and torque you get. Trigger can be locked at correct speed for each job. Reversing action for removing jammed drill bits. Good for drilling in ceramics, masonry, metals. Good for screwdriving. Double insulated. Precision ball-thrust bearing system. Exclusive recessed center locking button guards against accidental "lock-on". Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Triple reduction gearing. Removable side handle. Capacity: ½″ steel, 1″ hardwood; 0-550 RPM; 120V AC; 3 amps; net wt 4 lbs, ship wt 4⅜ lbs.

commercial duty



Exclusive Detachable Cord Feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6 ft. cord to be locked away for safety. Easier cord replacement. 15′ and 25′ extension cords that fit drill handle are available.

## 7250 ½" REVERSING DRILL

Double reduction gearing plus powerful motor deliver the torque needed to handle the difficult jobs. Reversing action perfect for removing jammed drill bits. A good choice for home workshop drill press work. Top mounted auxiliary handle for better control, greater leverage. Lubricant-impregnated bearings. Equipped with precision ball-thrust bearing system. Compact size and removable 2-position spade handle for close quarter work. Rugged all metal housing. Capacity: ½″ steel, 1″ hardwood; 120V AC; 4.2 amps; .375 HP (Max. Motor Output); 500 RPM; net wt 7½ lbs, ship wt 8⅞ lbs.

commercial duty

## 7270 ½" REVERSING DRILL

Truly a professional tool for the toughest jobs in the home, farm, shop and trades. Double reduction gearing and powerful motor give the power and performance for heavy service use . . . freehand or in a drill press stand. Reversing action for removing jammed bits. Equipped with precision ball-thrust bearing system. Ball and needle bearings at heavy load points for long life, greater drilling efficiency, smooth power flow. Removable multiposition spade handle. Auxiliary top handle gives better control. Capacity: steel ½″, hardwood 1″; 120V AC; .60 HP (Max. Motor Output); 4.8 amps; 600 RPM; net wt 7½ lbs, ship wt 8 lbs.

commercial duty

## 7260 ½" DELUXE REVERSING DRILL

Same features as No. 7270 drill, above, except .50 HP (Max. Motor Output) motor and lubricant-impregnated bearings. Capacity: steel ½″, hardwood 1″; 120V AC; .50 HP (Max. Motor Output); 4.5 amps; 600 RPM; net wt 7½ lbs, ship wt 8⅜ lbs.

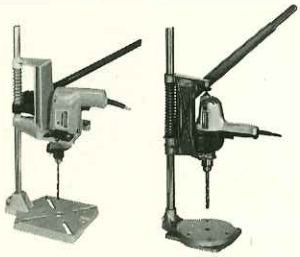
commercial duty

### 79-800 DRILL BIT SHARPENER ATTACHMENT

Exclusive. Unique power drill attachment for sharpening dull or broken carbon and high speed steel twist bits on the spot (does not resharpen carbide-tipped drill bits). Accepts 11 different sizes: 1/8", 9/64", 5/32", 11/64", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8". Bits require no oil or lubricants. Attachment fits any make of 1/4" of 3/8" power drill. Drill pictured not included.

### 71-990 DRILL CADDY

Lightweight, orange plastic drill caddy for electric drills, drill accessories and other hand tools needed to make repairs around the home. Formed to provide sections for drill bits, backing pad, sanding discs, buffing wheel, grinding wheel, polishing bonnet, nuts, screws and bolts as well as many other accessories, etc. Keeps everything ready for instant use. Items shown in tray not included.




### VERTICAL DRILL STANDS

Convert portable drill to accurate drill press for precision bench work. Sturdy steel construction. Drill can be mounted or removed in seconds.

**A. 71-100** 1/4" and 3/8" Vertical Drill Stand. Fits all B&D 1/4" and 3/8" electric drills

**B. U2301** Vertical Drill Stand. For use with 7250, 7260, 7270 B&D drills. Will not fit 7240, 7205, 7210, 7204, 7214, 7254, 7280, 7230 drills.

### 72-100 UNIVERSAL HORIZONTAL DRILL STAND

Both hands are free to hold work when grinding, polishing, sanding, etc. Fits all B&D and most other makes of 1/4" and 3/8" electric drills.

### U2194 LUBRICANT

Perfect gear lubricant for all makes of portable electric tools. Also serves as a general purpose household grease. 6 oz. tube.

**Available only at Black & Decker Service Centers.**

### 70-200 RIGHT ANGLE ATTACHMENT

Operates at right angles to drill. Fits all B&D and most other makes of 1/4" and 3/8" drills. Doubles or halves drill RPM depending upon which end is connected.

### U1021 RIGHT ANGLE ATTACHMENT

Fits B&D 1/4" or 3/8" Drills — or other drills with 3/8" x 24 spindle thread. Operates at right angle to drill. Doubles or halves RPM depending on end connected to drill.

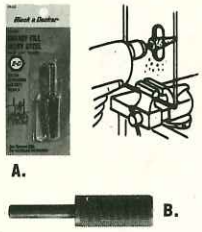
### U1579 DRILL ACCESSORY ASSORTMENT

Makes an electric drill more versatile. Includes wheel arbor, paint mixer, polishing bonnet, cotton buff, grinding wheel, backing pad, 9 assorted sanding discs, 3-piece drill bit set.

### ROTARY RASPS

Cylindrical, domed, conical and spherical shaped rotary rasps for shaping the edges of all types of wood, plastic and compositions. Variety of rasp contours allows use on just about any shaping job. Rasps fit chuck or any 1/4" or 3/8" power drill. A really versatile accessory that saves time and effort. 1/4" shanks.

**A. 70-950** Cylindrical Rotary Rasp
**B. 70-951** Cylindrical Domed Rotary Rasp
**C. 70-953** Spherical Rotary Rasp
**D. 70-952** Conical Rotary Rasp



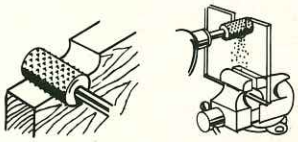

### ROTARY FILES

Two versatile accessories for shaping of metal. Comes in cylindrical and conical shapes. Fits chuck of most 1/4" or 3/8" power drills. Will pay for itself many times over in time and effort saved. 1/4" shanks.

**A. 70-961** Conical Rotary File
**B. 70-960** Cylindrical Rotary File

### 70-959 ROTARY RASP AND FILE SET

Two versatile accessories for your electric drill. 70-950 Cylindrical Rotary Rasp for shaping the edges of all types of wood, plastic and compositions, plus 70-960 Cylindrical Rotary File for shaping metal.

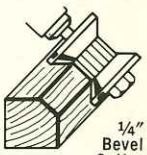


### 70-970 SHAPING SET

Permits three kinds of shaping cuts on wood by using 1/4" or 3/8" drills where a router would ordinarily be required. Perfect for those drill owners who don't own a router. Has exclusive rotary roller guides that eliminate friction burn on wood. Includes 1/4" corner round cutter, 1/4" beading cutter, 1/4" bevel cutter, and arbor and washer guides to control position and feed. Increases versatility of drills.

1/4" Corner Round Cutter

1/4" Beading Cutter



1/4" Bevel Cutter

# PREMIUM + PLUS
## High Speed Steel Twist Drill Bits

Premium High Speed Steel . . . plus superior manufacturing techniques are combined to produce a precision-quality twist drill bit ideally suited to the requirements of portable tool or drill press drilling in metal, wood and plastics. Made in U.S.A.

Following are the LONG-LIFE, FAST-CUTTING FEATURES of the Premium + Plus twist drill bits that make them an excellent buy.

- Precision ground points, flutes, body clearance and drill diameter for fast, accurate drilling of truly round holes.
- High spiral angle flutes for free cutting and better chip removal.
- Taper ground to prevent binding and breakage.
- Surface treated flutes and margins reduce buildup when drilling soft metals.
- Special heat treated high speed steel.

Hole size is embossed on shank for permanent identification. Dimensional and element tolerances conform to U.S.A. Standard B94.11-1967.

PREMIUM+PLUS High Speed Steel Twist Drill Bits are available in a wide range of sizes from 1/16" to 1". They can be bought singly or in convenient pouches, plastic or metal index cases or the #71-015 Select-A-Drill plastic index with which you simply dial desired bit size and the drill slides out.

These twist drill bits come in the full shank design and the turned down design for drilling up to ½" holes using ¼" electric drills. There are some larger twist drill bits with ½" full shank as well.

Listed, at right, are 15 different drill bit sets and larger than ½" industrial quality twist drills with turned down shanks; below are 74 different twist drill bits that can be purchased separately.

# Black & Decker Twist Drill Bit Sets

**71-005 5 PC.**

1/16", 3/32", 1/8", 3/16", 1/4" Premium+Plus high speed steel twist drill bits in handy plastic pouch.

**71-007 7 PC.**

1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4" Premium+Plus high speed steel twist drill bits in convenient plastic pouch.

**71-010 10 PC.**

1/16", 5/64", 3/32", 7/64", 1/8" 9/64", 5/32", 3/16", 7/32", 1/4" Premium+Plus high speed steel twist drill bits in folding plastic case with bit sizes embossed in case for ready identification.

**71-011 10 PC.**

1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 13/16"*, 3/8"*, 1/2"* Premium+Plus high speed steel twist drill bits in folding plastic case with bit sizes embossed in case for easy identification. *1/4" shanks.

**71-013 13 PC.**

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 1/4" Premium+Plus high speed steel twist drill bits in folding plastic case with bit sizes embossed in case for ready identification.

**71-014 13 PC.**

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 1/4" Premium + Plus high speed twist drill bits and center punch in folding plastic case with bit sizes embossed in case for easy identification.

**71-015 SELECT-A-DRILL 13 PC.**

12 Premium+Plus high speed steel twist drill bits and center punch in a plastic index with which you simply dial desired bit size and bit slides out. Includes 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 1/4" bits.

**71-016 13 PC.**

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64" and 1/4" Premium+Plus high speed steel twist drill bits in folding metal case with bit sizes embossed in case for ready identification.

**71-017 13 PC. TWIST DRILL & MASONRY**

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4" Premium+Plus high speed steel twist drill bits; 3/16" and 1/4" masonry bits; and center punch in plastic case with bit sizes embossed in case for easy identification.

**71-018 14 PC.**

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 7/32", 1/4", 5/16"*, 3/8"*, 1/2"* Premium+Plus high speed steel twist drill bits and center punch in plastic case with bit sizes embossed in case for ready identification. *1/4" shanks.

**71-019 14 PC.**

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 7/32", 1/4", 5/16"*, 3/8"*, 7/16"*, 1/2"* Premium+Plus high speed steel twist drill bits in folding plastic case with bit sizes embossed in case for easy identification. *1/4" shanks.

**71-020 15 PC.**

1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 13/32", 3/8", 13/32", 7/16", 15/32", 1/2" Premium+Plus high speed steel twist drill bits in folding metal case with bit sizes embossed in case for ready identification. All jobber length and all straight shank.

**71-021 21 PC.**

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", 1/4", 17/64", 9/32", 19/64", 5/16", 21/64", 11/32", 23/64", 3/8" Premium+Plus high speed steel twist drill bits in folding metal case with bit sizes embossed in case for easy identification. All jobber length and all straight shank.

**71-004 4 PC.**

5/16", 3/8", 7/16", 1/2" Premium+Plus high speed steel twist drill bits in handy plastic pouch. All have 1/4" shanks.

**71-029 29 PC.**

1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 11/64", 3/16", 13/64", 7/32", 15/64", 1/4", 17/64", 9/32", 19/64", 5/16", 21/64", 11/32", 23/64", 3/8", 25/64", 13/32", 27/64", 7/16", 29/64", 15/32", 31/64", 1/2" Premium+Plus high speed steel twist drill bits in folding metal case with bit sizes embossed in case for ready identification. All have jobber length and straight shanks.

**1/2" SHANK BITS — INDUSTRIAL QUALITY**

Bulk (bits packaged in envelopes)

| Cat. # | |
|---|---|
| 70-487 | 9/16" |
| 70-488 | 5/8" |
| 70-489 | 11/16" |
| 70-490 | 3/4" |
| 70-491 | 7/8" |
| 70-492 | 1" |

**TWIN PACK BITS**

Blister Packed 2 BITS PER PKG.

Full Shank; Jobber Length

| Cat. # | |
|---|---|
| 70-400 | 1/16" |
| 70-401 | 5/64" |
| 70-402 | 3/32" |
| 70-403 | 7/64" |
| 70-404 | 1/8" |

**SINGLE PACK BITS**

Full Shank; Jobber Length Blister Packed

| Cat. # | |
|---|---|
| 70-405 | 9/64" |
| 70-406 | 5/32" |
| 70-407 | 11/64" |
| 70-408 | 3/16" |
| 70-409 | 13/64" |
| 70-410 | 7/32" |
| 70-411 | 15/64" |
| 70-412 | 1/4" |
| 70-413 | 17/64" |
| 70-414 | 9/32" |
| 70-415 | 19/64" |
| 70-416 | 5/16" |
| 70-417 | 21/64" |
| 70-418 | 11/32" |
| 70-419 | 23/64" |
| 70-420 | 3/8" |
| 70-421 | 25/64" |
| 70-422 | 13/32" |
| 70-423 | 27/64" |
| 70-424 | 7/16" |
| 70-425 | 29/64" |
| 70-426 | 15/32" |
| 70-427 | 31/64" |
| 70-428 | 1/2" |

**SINGLE PACK BITS**

Turned Down 1/4" Shank Blister Packed

| Cat. # | |
|---|---|
| 70-429 | 9/32" |
| 70-430 | 5/16" |
| 70-431 | 11/32" |
| 70-432 | 3/8" |
| 70-433 | 13/32" |
| 70-434 | 7/16" |
| 70-435 | 15/32" |
| 70-436 | 1/2" |

**FULL SHANK BITS**



Bulk (bits packaged in envelopes)

| Cat. # | |
|---|---|
| 70-450 | 1/16" |
| 70-451 | 5/64" |
| 70-452 | 3/32" |
| 70-453 | 7/64" |
| 70-454 | 1/8" |
| 70-455 | 9/64" |
| 70-456 | 5/32" |
| 70-457 | 11/64" |
| 70-458 | 3/16" |
| 70-459 | 13/64" |
| 70-460 | 7/32" |
| 70-461 | 15/64" |
| 70-462 | 1/4" |
| 70-463 | 17/64" |
| 70-464 | 9/32" |
| 70-465 | 19/64" |
| 70-466 | 5/16" |
| 70-467 | 21/64" |
| 70-468 | 11/32" |
| 70-469 | 23/64" |
| 70-470 | 3/8" |
| 70-471 | 25/64" |
| 70-472 | 13/32" |
| 70-473 | 27/64" |
| 70-474 | 7/16" |
| 70-475 | 29/64" |
| 70-476 | 15/32" |
| 70-477 | 31/64" |
| 70-478 | 1/2" |

**TURNED DOWN 1/4" SHANK BITS**

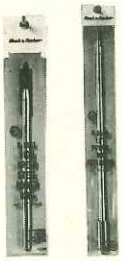
Bulk (bits packaged in envelopes)

| Cat. # | |
|---|---|
| 70-479 | 9/32" |
| 70-480 | 5/16" |
| 70-481 | 11/32" |
| 70-482 | 3/8" |
| 70-483 | 13/32" |
| 70-484 | 7/16" |
| 70-485 | 15/32" |
| 70-486 | 1/2" |

# MORE DRILL BITS

## 71-003 3-PIECE CHROME VANADIUM DRILL BIT SET

Three of the most used drill bits, 1/8", 3/16" and 1/4", electroplated with chrome vanadium that keeps bits sharp longer than ordinary drill bits, makes them last longer. Use for drilling wood, plastic and compositions. A quality accessory to add to your workshop.



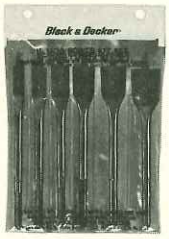
A B

## A. POWER BITS

Cut accurate holes in hard or soft wood. Will cut through ordinary nails or screws. Can be resharpened. Have long life. For use in any electric drill except those over 3200 RPM.

| | | | |
|---|---|---|---|
| U1661 | 3/8" | U1666 | 3/4" |
| U1662 | 1/2" | U1667 | 13/16" |
| U1663 | 9/16" | U1668 | 7/8" |
| U1664 | 5/8" | U1669 | 1" |
| U1665 | 11/16" | | |

**B. U1660 12" POWER BIT EXTENSION**



## U1670 6-PIECE POWER BIT SET

Perfect for boring straight and angle holes in any hard wood, soft wood, or plywood. Most popular sizes for use with all electric drills or drill presses. Includes 3/8", 1/2", 5/8", 3/4", 7/8" and 1" Power Bits. In handy plastic pouch.

## U1588 SCREWDRILL AND COUNTERSINK SET

Five screw drills that drill proper size holes for screw threads and screw body. Makes it easier to turn screw in wood. Eliminates wood splitting. Countersinks screw head to proper depth for neat appearance. Includes 5/8" (for Nos. 4 / 5 screws), 3/4" (for Nos. 6 & 7 screws), 1" (for Nos. 8 & 9 screws), 1 1/4" (for Nos. 8 & 9 screws), 1 1/2" (for Nos. 10 & 12 screws). 1/4" shank fits all portable drills.

## MASONRY DRILL BITS

Carbide tipped for use in brick, cement, cinder block and similar masonry materials.

| Cat. No. | Hole | Shank | Length | Cat. No. | Hole | Shank | Length |
|---|---|---|---|---|---|---|---|
| U1550 | 3/16" | 15/64" | 3" | U1554 | 1/2" | 3/8" | 6" |
| U1551 | 1/4" | 11/64" | 4" | U1555 | 5/8" | 1/2" | 6" |
| U1552 | 5/16" | 1/4" | 4" | U1556 | 3/4" | 1/2" | 6" |
| U1553 | 3/8" | 1/4" | 4" | U1557 | 1/2" | 1/4" | 4" |

## ADJUSTABLE COUNTERSINK AND SCREW PILOTS

Performs 5 jobs in 1 operation: drills any pre-set depth for correct length automatically, drills hole for screw threads, drills hole for screw body, countersinks for screw head. counterbores for putty or plug. For use in wood or composition. Fits any power drill or hand drill. 1/4" shanks.

**U1592** For #5, #6, #7 Wood Screws.
**U1593** For #7, #8, #9 Wood Screws.
**U1594** For #9, #10, #11 Wood Screws.
**U1595** For #11, #12, #14 Wood Screws

# DRILL ACCESSORIES

## DRILL STOPS

Finger-tightens at any position on drill bit to prevent drilling too deep. Great for cabinet work, masonry bits, etc. Made of plastic.

| | | |
|---|---|---|
| U1577 | Drill Stop | For 1/16" to 1/4" bits |
| U1578 | Drill Stop | For 1/4" to 1/2" bits |

## 70-499 CENTER PUNCH

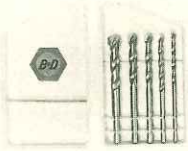
The drill accessory you need for preparing to drill in all metals, tile, formica and ceramics. Prevents drill bit from moving away from desired location once drilling starts.

## 70-935 FLEXIBLE SHAFT

Ideal for sanding, buffing, grinding, polishing, forming, drilling in restricted areas. 1/4" shank fits any 1/4" or 3/8" electric drill. Included 1/4" female chuck accepts drill bits or wheel arbor for attachments. 40" flexible shaft. Shaft is replaceable.

## U1584 1/2" CARBON STEEL RASP AND COUNTERSINK

Makes countersink holes up to 1/2" diameter in wood and compositions. Can also be used as a rasp for material removal along edges of wood and compositions. 1/4" shank.



## 71-006 MASONRY DRILL BIT SET

Five of the most popular size, carbide tipped masonry drill bits for use in cement, brick, cinder block and similar masonry materials. Includes U1550 3/16", U1551 1/4", U1522 5/16", U1553 3/8", U1557 1/2" in folding plastic case with bit sizes embossed in case for ready identification.

## U1509 PAINT MIXER

A highly efficient and fast way to mix paint. Stirs up to a gallon can. Fits most makes and sizes of power drills.

# Black & Decker® DRILL ACCESSORIES

## 70-210 RIGHT ANGLE POLISHING KIT

Here's what you need for polishing and sanding versatility. Lets you polish or sand at any angle with portable electric drills. Includes: #70-200 Right Angle Attachment, polishing bonnet, 6 assorted sanding discs, rubber backing pad, wheel arbor.

## U1450 POLISHING AND SANDING KIT

All you need for sanding and polishing with portable electric drills. Includes: wheel arbor, rubber backing pad, polishing bonnet, 6 assorted sanding discs.

## U1382 VARIABLE SPEED SCREWDRIVER BIT AND SOCKET SET

Perfect for use with Variable Speed Drills and U1011 and U1930 Screwdriving Attachments. Includes 1 U1373 #1 Phillips bit, 1 U1374 #2 Phillips bit, 1 U1376 slotted screwdriver bit with finder for screw sizes 6 to 8, 1 U1377 slotted screwdriver bit with finder for screw sizes 8 to 10, 1 U1379 7-Piece Socket Set consisting of 3/16", 1/4", 9/32", 5/16", 11/32", 3/8" sockets (all 1/4" sq. drive) and 1/4" sq. drive socket adaptor.

## U1930 SCREW DRIVING ATTACHMENT

No more tiresome hand screwdriving. Attachment fits most drills. Includes U1377 Screwdriver Bit with Finder for #8 to #10 slotted screws. Can be used with Nos. U1373 to U1375 Phillips Head Screwdriver Bits, Nos. U1376 and U1378 slotted Screwdriver Bits with Finders and U1379 7-Piece Socket Set.

**U1011 Heavy-Duty Screw Driving Attachment**

## SCREW EXTRACTOR SETS

Here's a convenient way to remove screws and bolts with broken or damaged heads. A Screw Extractor Set consists of a drill bit and an extractor. A hole is first drilled in the damaged screw, then the extractor is inserted in the hole and turned with an open end or adjustable wrench which removes the screw.

| Cat. No. | For Screws & Bolts with head diams. | Drill Bit Size | Extractor No. |
|---|---|---|---|
| 70-500 | 3/16" to 1/4" | 5/64" | 1 |
| 70-501 | 1/4" to 5/16" | 7/64" | 2 |
| 70-502 | 5/16" to 7/16" | 5/32" | 3 |
| 70-503 | 7/16" to 9/16" | 1/4" | 4 |
| 70-504 | 9/16" to 3/4" | 17/64" | 5 |

## 70-505 SCREW EXTRACTOR KIT

Five Screw Extractors (Nos. 1, 2, 3, 4, 5) that will remove screws and bolts with broken or damaged heads with head diameters from 3/16" to 3/4". Extractors are used with your drill bits: 5/64", 7/64", 5/32", 1/4", 17/64". A drill and open end or adjustable wrench are also required. Packed in handy plastic pouch.

## 71-372 DOUBLE END SCREWDRIVER BIT SET

Versatile screwdriver bits. Two are included. One has a tip for driving #1 Phillips head screws. The other end is for #6 to #8 slotted head screws. The second bit has a tip for #2 Phillips head screws with other end for #10 to #12 slotted head screws. Perfect for use with variable speed drills and U1930 and U1011 Screwdriving Attachments.

## PHILLIPS SCREWDRIVER BITS

Perfect for use with Variable Speed Drills and U1930 or U1011 Screwdriving Attachments.

**U1373** #1 Phillips Screwdriver Bit
**U1374** #2 Phillips Screwdriver Bit
**U1375** #3 Phillips Screwdriver Bit

## SLOTTED SCREWDRIVER BIT with FINDER

Ideal for use with Variable Speed Drills and U1011 and U1930 Screwdriving Attachments.

**U1376** For screw sizes nos. 6-8
**U1377** For screw sizes nos. 8-10
**U1378** For screw sizes nos. 10-12

## U1379 7-PIECE SOCKET SET

Perfect for use with Variable Speed Drills and U1011 and U1930 Screwdriving Attachments. Includes 3/16", 1/4", 9/32", 5/16", 11/32", 3/8" sockets (all 1/4" sq. drive) and 1/4" sq. drive socket adaptor.

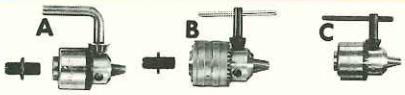
## EXTENSION CORDS

16 gauge with tough vinyl insulation. Easily visible orange color. 3-wire round cable for tools requiring ground. 2-wire cable for all double insulated tools. Female plug molded to fit directly into B&D tools with detachable cord feature, also fits other tools. **U-L listed for indoor and outdoor use.**

| | | | | | |
|---|---|---|---|---|---|
| **79-995** | 15' | 16/3 (three wire) | **88-100** | 100' | 16/3 (three wire) |
| **79-994** | 25' | 16/3 (three wire) | **88-052** | 50' | 16/2 (two wire) |
| **88-050** | 50' | 16/3 (three wire) | **88-102** | 100' | 16/2 (two wire) |

## 89-000 CORD STORAGE REEL

Lightweight, portable unit holds 150 ft. 16/3 gauge extension cord.




## CHUCKS & KEYS

**1/4" Chuck**
**A. 70-010**—1/4" Geared Chuck & Key

**3/8" Chuck**
**B. U1536**—3/8" Geared Chuck & Key (w/U1529 Key)

**1/2" Chuck**
**C. 70-012**—1/2" Geared Chuck & Key (w/U1533 Key)

For replacement or changing the type of chuck used on your drill.

**Chuck Keys Only:**
**U1507**—1/4" Key (5/32" Pilot Shank)
**U1508**—1/2" Key (1/4" Pilot Shank)
**U1524**—1/4" & 3/8" Key (15/64" Pilot Shank)
**U1529**—1/4" & 3/8" Key (1/4" Pilot Shank)
**U1531**—3/8" & 1/2" Key (11/32" Pilot Shank)
**U1533**—3/8" & 1/2" Key (9/32" Pilot Shank)
**70-110**—1/4" Key (13/64" Pilot Shank). Fits B&D Chucks Nos. 74288-01, 90584-01, 88753-01, 87936-01.

## U1535 CHUCK KEY HOLDER

Prevent lost or mislaid chuck keys. For all drills.

## U2206 WHEEL ARBOR

For attaching grinding wheels, wire brushes and buffing wheels to most makes of 1/4" to 1/2" power drills. 1/2" diameter body. 1/4" shank.

## RUBBER BACKING PAD

For attaching discs, bonnets and pads to drills. Do not use at speeds higher than 3200 rpm.
***U1302** 4 5/8" pad (plain shank)

*Comes with 1/4" shank wheel arbor.

## WIRE CUP BRUSHES

5000 Maximum RPM.

**70-112** 1½" Fine Wire Cup Brush
**70-111** 1½" Coarse Wire Cup Brush
**70-114** 2½" Fine Wire Cup Brush
**70-113** 2½" Coarse Wire Cup Brush
**70-115** 3" Coarse Wire Cup Brush

## WIRE WHEEL BRUSHES

¼" shank. Mounts quickly, easily in drill chuck. Eliminates cost and bother of wheel arbor. Standard quality. 5000 Maximum RPM.

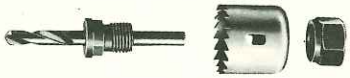
**70-120** 2" Coarse
**70-121** 2" Fine
**70-130** 3" Coarse
**70-131** 3" Fine
**70-140** 4" Coarse
**70-141** 4" Fine

## DELUXE WIRE WHEEL BRUSHES

½" arbor hole. Use U2206 Wheel Arbor with 4" and smaller brushes. 5000 Maximum RPM.

**Deluxe**
**70-132** 3" Coarse
**70-133** 3" Fine
**70-143** 4" Fine
**70-142** 4" Coarse

## HOLE SAWS



Increased Carbon Content for Longer Life. Cut clean holes in wood or compositions. Saws are interchangeable on mandrels as indicated below and will saw up to ¾" thick material. Sizes are outside diameter of hole saw.

**71-270** ⅝" saw with mandrel.
**U1240** Mandrel (¼" shank). Holds ¾" to 1⅛" saws below
**U1241** Mandrel (⅜" shank). Holds 1¼" to 2½" saws below

| | | | | | |
|---|---|---|---|---|---|
| **U1271** | ¾" | **U1275** | 1¼" | **U1280** | 1⅞" |
| **U1272** | ⅞" | **U1276** | 1⅜" | **U1281** | 2" |
| **U1273** | 1" | **U1277** | 1½" | **U1282** | 2⅛" |
| **U1274** | 1⅛" | **U1278** | 1⅝" | **U1283** | 2¼" |
| | | **U1279** | 1¾" | **U1284** | 2½" |

**⅝" to 1⅛" hole saws are for use with ¼" drills; ⅝" to 1½" hole saws are for ⅜" drills; ⅝" to 2½" hole saws are for ½" drills.**

## POLISHING BONNET

**U1310** 5" Polishing Bonnet

## 5" SANDING DISCS

**5" Sanding Discs (*pkg. of 5 each, except U1408—pkg. of 3)**

| | | | |
|---|---|---|---|
| ***U1408** | 24 grit | **U1411** | 80 grit |
| **U1409** | 40 grit | **U1412** | 120 grit |
| **U1410** | 60 grit | | |
| **U1406** | assortment (1 #40, 1 #60, 1 #120, 2 #80) | | |
| **71-404** | assortment (8 #40, 8 #60, 9 #120) | | |

## BUFFING WHEELS: Professional Quality

**U1320** 3" x 5/16" x ½" cotton buff
**U1321** 6" x ⅝" x ½" cotton buff
**U1322** 4" x ⅝" x ½" cotton buff

## GRINDING & SHARPENING WHEELS

**79-250** 2" x ½" x ½" medium. 6220 Max. RPM.
**79-520** 2¼" diam, Replacement grinding wheel for Drill Bit Sharpener. 3500 Max. RPM.

## 79-253 CUSHIONED-ACTION POLISHING/SANDING KIT

Multi-purpose, flexible 3" flat and 3" cone shaped elastomeric wheels with imbedded aluminum oxide abrasive grit. Sands wood and fiber board; polishes and blends surfaces and edges of metal, plastics, and glass; removes rust, paint or other deposits; cleans stone, brick, tile; many other uses. Includes 79-251 3" Flat and 79-252 3" Cone Cushioned-Action Abrasive Polishing Wheels, U2206 Wheel Arbor. 3600 Max. RPM. Clamp work. Use dry. Wear eye protectors.

## 79-251 3" FLAT CUSHIONED-ACTION ABRASIVE POLISHING WHEEL

Flat, flexible elastomeric wheel with imbedded aluminum oxide abrasive grit. Sands, polishes, blends, cleans wood, metal, plastics, stone, brick, tile, glass. Use with U2206 Wheel Arbor. 3600 Max. RPM. Clamp work. Use dry. Wear eye protectors.

**79-254 3" Flat Cushioned-Action Abrasive Polishing Wheel.** Same as 79-251 except not as thick.

## 79-252 3" CONE CUSHIONED-ACTION ABRASIVE POLISHING WHEEL

Cone-shaped, flexible elastomeric wheel with imbedded aluminum oxide abrasive grit. Sands, polishes, blends, cleans wood, metal, stone, brick, tile, glass. 3600 Max. RPM. Clamp work. Use dry. Wear eye protectors.

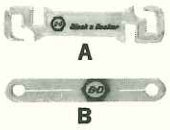
## MOLDED PLASTIC CARRYING CASES

Handsome custom-molded drill carrying cases. Can hold drill, drill bits, chuck key, wheel arbor, backing pad, sanding discs, grinding wheel, buffing wheel.

**71-916** Accepts B&D drills 7040, 7140, 7010, 7000, 7020, 7120, 7110, 7100.
**71-917** Accepts B&D drills 7005, 7024, 7124, 7109, 7054, 7154, 7030, 7130, 7080, 7180, 7090, 7190, 7014, 7004, 7114, 7104.

## U2252 POWER TOOL CARRYING CASE

Sturdy steel carrying case that's perfect for drills, jig saws or finishing sanders. Plenty of room for tool and accessories. Keeps everything handy and safe. 12 1/16" x 8 1/16" x 4 1/16".




## CORD CONNECTORS

Holds extension cord firmly to cord set of tool or holds two extension cords together.

**A. U3305** **B. U3339**

## U2106 SAFETY GLASSES

Lightweight, one-piece, impact resistant, clear plastic safety glasses with side shields. Can be worn directly over eyes or over prescription glasses. Comfortable.

# JIG SAW BUYING GUIDE

Small and easy to handle, the jig saw is actually a variety of cutting tools in one when used with the proper blades. It will crosscut a 2 x 4, a rafter, or even a 4 x 4 with a 6" blade, it will cut curves or scroll work in plywood, metal, composition or plastic panels. Because of its compact size and light weight, it can easily be used for cut outs in finished walls or ceilings for electrical outlets or fixtures or openings for pipes and basins in bathrooms or kitchen tops. In these cut outs it will make its own starting hole.

To select the proper jig saw, first determine its probable use. The higher horsepower models should be chosen for heavier duty or continuous use. Other options to consider are two speed switches, variable speed switches, and tilting shoe models.

**Tilting shoe models** produce straight or curved bevel cuts with accuracy, and allow compound mitre cuts often impossible to match with hand saws.

**SPEED CONTROL SWITCHES** allow the user to select the speed to suit the job and the material. This affords the greatest cutting efficiency and prolongs saw blade life. Two-speed saws let you choose low or high speeds. Variable speed jig saws let you vary the speed from zero to top cutting speed or preset the switch at any speed

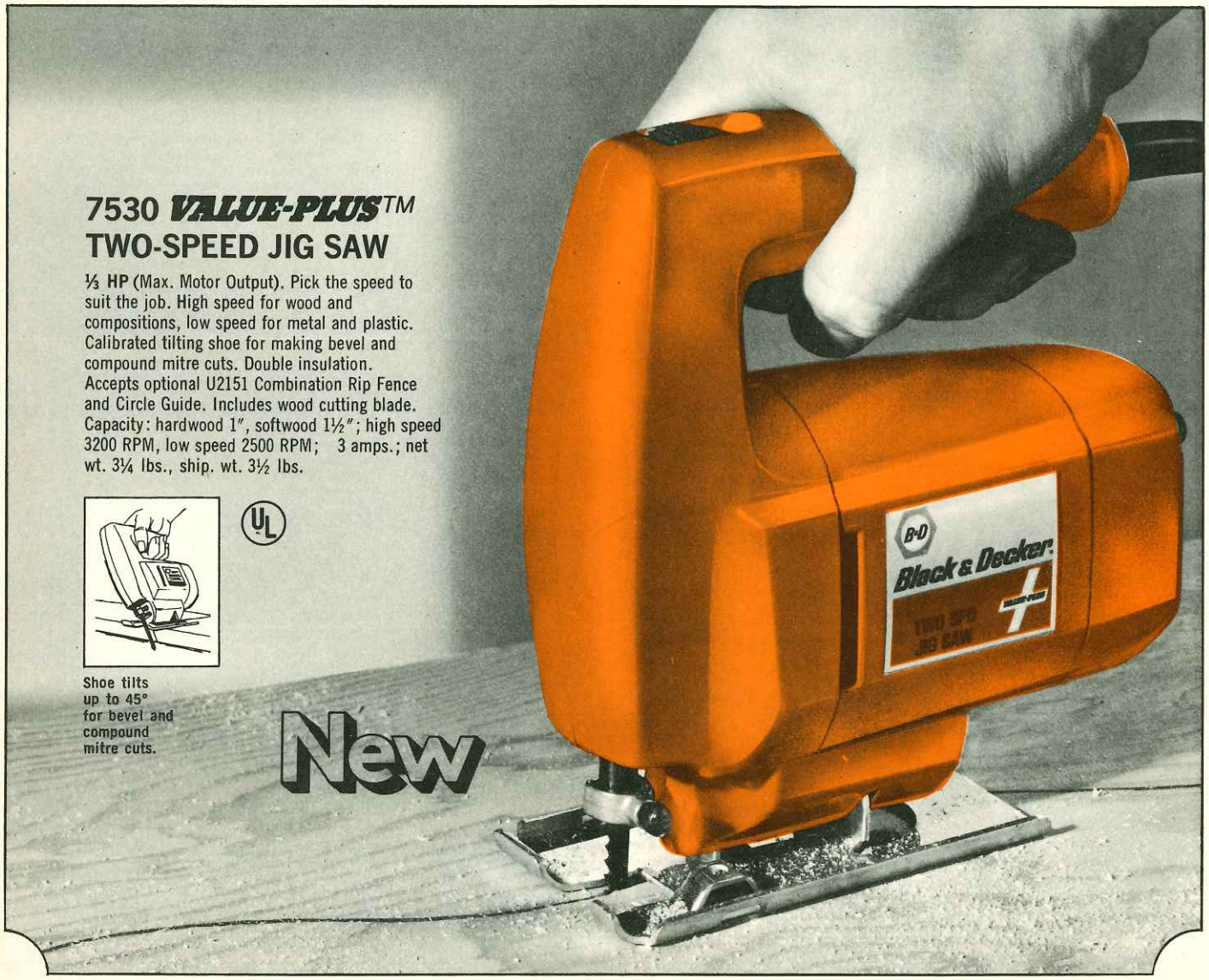
selected. The variable speed jig saw, in addition to letting you select the proper speed for each job, also has the advantage of letting you slow the saw down on tight corners and then speed up on straight cuts. The speed can be adjusted while cutting. High speeds are used for cutting wood and compositions, low speeds for metal and plastics . . . thus the harder the material the slower the speed used.

Speed control switches can be the slide type, located on top of the handle; or the trigger type located under the handle. The farther forward you push the slide switch, the faster the speed; with the trigger switch, the farther back you pull it, the faster the speed.

**LOCKING BUTTONS** permit you to lock the trigger at full, low, or intermediate speeds, depending upon the model jig saw selected. This eliminates having to hold the trigger while cutting.

All but one Black & Decker jig saw accept rip fences which permit rip cuts without using penciled guide lines. In addition to guiding a jig saw along a straight line a rip fence can be used for cutting circles up to 12" in diameter.

The complete line of jig saw blades permits cutting of wood, metal, plastic, composition board, plaster and leather. (See page 14.)




## 7530 *VALUE-PLUS*™ TWO-SPEED JIG SAW

**⅓ HP** (Max. Motor Output). Pick the speed to suit the job. High speed for wood and compositions, low speed for metal and plastic. Calibrated tilting shoe for making bevel and compound mitre cuts. Double insulation. Accepts optional U2151 Combination Rip Fence and Circle Guide. Includes wood cutting blade. Capacity: hardwood 1", softwood 1½"; high speed 3200 RPM, low speed 2500 RPM; 3 amps.; net wt. 3¼ lbs., ship. wt. 3½ lbs.

Shoe tilts up to 45° for bevel and compound mitre cuts.

### 7580 VALUE-PLUS™ VARIABLE SPEED JIG SAW

⅓ HP (Max. Motor Output). Slide control switch on handle lets you choose the speed to suit the job and material. Calibrated tilting shoe for making bevel, compound mitre cuts. A good choice for all-purpose use. Easier pocket cutting. Better control. Double insulated. Two-prong convenience. Accepts optional U2151 Combination Rip Fence and Circle Guide. Includes wood cutting blade. Capacity: hardwood 1", softwood 2"; infinite settings 0 to 3200 SPM; 3 amps.; 120V AC; net wt. 3¼ lbs., ship. wt. 3½ lbs.

### 7504 JIG SAW

Makes straight, curved and scroll cuts in wood, metal, plastics and other materials. This versatile time-saver does innumerable jobs around the home and in the workshop. Accepts optional U2151 Combination Rip Fence and Circle Guide. Double insulated. Includes wood cutting blade. Capacity: hardwood 1", softwood 1½"; 3200 SPM; 120V AC; 2.1 amps.; .20 HP (Max. Motor Output); net wt. 3 lbs., ship. wt. 3¼ lbs.

### 7560 DELUXE VARIABLE SPEED JIG SAW

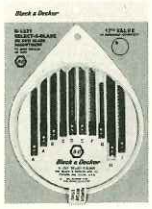
A good choice for all-purpose use. Just the right speed for each job and material. Easier pocket cutting. Better control. Handsome polished aluminum housing. Accepts optional U2151 Combination Rip Fence and Circle Guide. Includes 1 blade. Capacity: hardwood 1", softwood 2"; infinite settings to 3000 SPM; .33 HP (Max. Motor Output); 3 amps.; 120V AC; net wt. 4¼ lbs., ship. wt. 5 lbs.

### U1339 SELECT-A-BLADE JIG SAW BLADE ASSORTMENT

15 Jig Saw Blades in handy Select-A-Blade plastic package. Chart on back gives proper blade for each job. Simply dial the "key letter" on the front, tilt the holder and the desired blade drops out. Includes: 12 woodcutting bades (2 each of U1350 and U1351, 1 each of U1362, U1363, U1364, U1344, U1347, U1348, U1349, U1368), 2 metal cutting blades (U1354, U1355) and U1365 knife blade.

### 75-600 JIG SAW BLADE ASSORTMENT

Assortment of most-used blades in handy plastic pouch. Includes 6 blades: 1 U1350 coarse wood cutting, 1 U1351 fine wood cutting, 1 U1354 coarse metal cutting, 1 U1355 fine metal cutting, 1 U1362 hollow ground plywood cutting, 1 U1368 scroll cutting.



### U1337 SELECT-A-BLADE JIG SAW BLADE ASSORTMENT

10 Jig Saw Blades in handy Select-A-Blade plastic package. Chart on back gives proper blade for each job. Simply dial the "key letter" on the front, tilt holder and desired blade drops out. Includes: 6 woodcutting blades (U1348, U1350, U1351, U1362, U1363, U1368), 3 metal cutting blades (1 U1354, 2 U1355), U1346 plaster cutting blade.

### U2151 COMBINATION RIP FENCE & CIRCLE CUTTING ATTACHMENT

Permits ripping without a penciled line and circle cutting with 7504, 7530, 7580, 7560 Jig Saws. Fits former models 7514, 7524, 7538, 7537, 7517, 7515, 7545, 7535.

### 75-918 JIG SAW CARRYING CASE

Handsome molded plastic jig saw carrying case. Holds rip fence and blade pouch with extra blades. Accepts B&D Nos. 7504, 7514, 7530, 7580 and 7524 Jig Saws.

### U2252 STEEL CARRYING CASE

Perfect for Drills, Jig Saws or Finishing Sanders. Sturdy steel construction. Keeps tools handy and protected. Plenty of room for tool and accessories. 12 1/16" x 8 1/16" x 4 1/16".

### 75-917 DELUXE JIG SAW CARRYING CASE

Perfect for carrying Nos. 7560, 7537 and 7538 jig saws. Holds extra blades and rip fence.

### 75-250 TWIN-PACK JIG SAW BLADES

One of 6 packages containing 2 jig saw blades at a substantial saving over buying separately. See page 14 for other Twin-Packs.

JIG SAW BLADES PAGE 14

TWIN-PACK

Quality blades recommended for use on Black & Decker Jig Saws. Will also fit Toastmaster, Millers Falls, Penncraft, Ram, Sears Craftsman, Shopmate, Shopcraft, Skil, Thor, Stanley, Wards and most other makes of jig and sabre saws.

# JIG SAW BLADE SELECTION GUIDE

| Blade Type | Cat. No. | Description of Blade and Use | Type of Cut | Speed of Cut | Blade Length | Teeth per Inch |
|---|---|---|---|---|---|---|
| Flush Cutting | U1344 | Hard or soft wood over ¼″ thick. Blade material: High carbon steel. Set teeth for fast cutting. | Rough | Fast | 3″ | 7 |
| Plaster Cutting | U1346 | Special V-Tooth design provides constant abrading action which is most effective in cutting plaster, masonry and high density plastics. Blade material: High carbon steel. | Rough | ast | 3⅝″ | 9 |
| Double Cutting | U1347 | Most wood and fiber materials. Tooth design allows for cutting in both directions with equal speed. Blade material: High carbon steel. | Rough | Fast | 3″ | 7 |
| Double Cutting | U1348 | Cuts most wood and fiber materials. Tooth design allows for cutting in both directions with equal speed and quality of cut. Blade material: High carbon steel. | Medium | Medium | 3″ | 10 |
| Skip Tooth | U1349 | Cuts most plastics and plywood. Special tooth design with extra large gullets provide extra chip clearance necessary for cutting plywood and plastic. Blade material: High carbon steel. | Rough | Fast | 3″ | 5 |
| Wood Cutting Coarse | U1350 | Cuts soft woods ¾″ & thicker. Canted shank provides built-in blade relief, thus helping to clear the saw dust and cool the blade. Blade material: High carbon steel. | Rough | Fastest | 3″ | 7 |
| | 75-250 | Twin-Pack of two U1350 Jig Saw Blades | | | | |
| Wood Cutting Fine | U1351 | Cuts soft woods under ¾″ thick. Canted shank provides built-in blade relief, thus helping to clear the saw dust and cool blade. Blade material: High carbon steel. More teeth per inch allows for finer quality of cut. | Medium | Medium | 3″ | 10 |
| | 75-251 | Twin-Pack of two U1351 Jig Saw Blades | | | | |
| | 75-256 | Twin-Pack Blade Assortment (1 U1351 and 1 U1355 Jig Saw Blades) | | | | |
| Wood Cutting Hollow Ground | U1352 | Hard woods under ¾″ thick. Hollow grinding provides no tooth projection beyond body of blade, thus imparting an absolutely smooth finish. Canted shank for blade clearance. Blade material: Heat treated high carbon steel. | Smooth | Medium | 3″ | 7 |
| Metal Cutting | U1354 | For cutting ferrous (iron) metals ¼″ to ⅜″ thick and nonferrous (aluminum, copper, etc.) ⅛″ to ¼″ thick. Blade material: M-2 high speed steel. Heat treated to spring temper hardness. Capable of cutting ferrous and nonferrous metals alike. Straight shank. | Medium | Medium | 3″ | 14 |
| | 75-254 | Twin-Pack of two U1354 Jig Saw Blades | | | | |
| Metal Cutting | 75-156 | For cutting ferrous (iron) metals ⅛″ to ¼″ thick and nonferrous metals 1/16″ to ⅛″ thick. Blade material: M-2 high speed steel. Heat treated to spring temper hardness capable of cutting ferrous and nonferrous metals. Straight shank. | Smooth | Medium | 3″ | 18 |
| Metal Cutting | 75-157 | For cutting ferrous (iron) metals 1/16″ to 3/16″ thick. Blade material: M-2 high speed steel. Heat treated to full hardness spring temper. Capable of cutting hard ferrous materials. Straight shank. | Fine | Slow | 3″ | 24 |
| Metal Cutting | U1355 | For cutting hard ferrous (iron) metals 1/64″ to 3/32″ thick. Blade material: M-2 high speed steel. Heat treated to full hardness spring temper. Capable of cutting all hard ferrous materials. Straight shank. | Very Fine | Slow | 3″ | 32 |
| | 75-255 | Twin-Pack of two U1355 Jig Saw Blades | | | | |
| Hollow Ground | U1359 | For cutting plywoods ½″ to ¾″ thick. For fine finish work. Hollow ground for absolutely smooth finish on all wood products. Blade material: High carbon steel. Provides the longest life woodcutting blade possible. Straight shank. | Extremely Fine | Medium | 4″ | 10 |
| Hollow Ground | U1360 | For cutting plywood and finish materials ¾″ and thicker where fine finish is desirable. Hollow ground for very smooth finish on all wood products. Blade material: High carbon steel. Provides the longest life woodcutting blade possible. Straight shank. | Smooth | Medium | 4″ | 6 |
| Hollow Ground | U1361 | For cutting soft woods up to 2″ thick where fine finish is desirable. Thicker blade provides less flexing when cutting 1″ to 2″ stock. Not recommended for scroll type cutting. Hollow ground for smooth finish. Blade material: High carbon steel. Provides the longest life woodcutting blade possible. Straight shank. | Smooth | Medium | 4″ | 6 |
| Hollow Ground | U1362 | For cutting plywood up to 1″ thick. Hollow ground for very smooth finish. Blade material: Heat treated high carbon steel. Straight shank. | Fine | Medium | 3″ | 10 |
| | 75-262 | Twin-Pack of two U1362 Jig Saw Blades | | | | |
| Hollow Ground | U1363 | For cutting plywood ¾″ thick and under. Hollow ground for very smooth finish. Blade material: Heat treated high carbon steel. Straight shank for square cuts to work surface. | Smooth | Medium Fast | 3″ | 7 |
| Hollow Ground | U1364 | For plywood ¼″ to 1″ thick. Hollow ground for smooth finish on cuts. Blade material: Heat treated high carbon steel. Straight shank. | Medium | Fast | 3″ | 5 |
| Knife Blade | U1365 | For cutting leather, rubber, composition tile, cardboard, etc. Blade material: High carbon steel. Straight shank. | Smooth | Fast | 3″ | Knife Edge |
| Fleam Ground | U1366 | For cutting green or wet woods ¼″ to 1½″ thick. Fleam ground provides shredding type cutting action which is most effective in sawing hard, green or wet materials. Blade Material: High carbon steel. Provides longest cutting life possible. Straight shank. | Smooth | Medium | 4″ | 10 |
| Fleam Ground | U1367 | For cutting green or wet woods ⅜″ to 2½″ thick. Fleam ground provides shredding type cutting action which is most effective in sawing hard, green or wet materials. Blade material: High carbon steel. Provides longest cutting life possible. Straight shank. | Coarse | Fast | 4″ | 6 |
| Scroll Cut | U1368 | For cutting wood, plastic and plywood ¼″ to 1″ thick. Set teeth and thin construction allows this blade to make intricate cuts and circles with radii as small as ⅛″. Blade construction: High carbon steel. Straight shank. | Smooth | Medium | 2½″ | 10 |
| Wood Cutting Coarse | 75-170 | Cuts most plastics and wood up to 4″ thick. Special tooth design with extra large gullets provide extra chip clearance for fast cutting in thicker materials. Blade material: High carbon steel. | Rough | Fast | 6″ | 3 |
| Wood Cutting Medium | 75-171 | Makes fairly smooth cuts in wood up to 4″ thick. Extra thick back provides greater resistance to breaking during intricate scroll-type cutting. Blade material: High carbon steel. | Medium | Medium | 6″ | 7 |



JIG SAW ACCESSORIES PAGE 13

# Black & Decker® ROUTER BUYING GUIDE

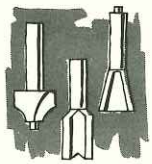
No other power tool has the infinite capacity of the router to cut intricate contours in wood. With just a moderate amount of skill, a router in the hands of an amateur craftsman can produce artistry in wood.

A router can plane edges, cut multi-curved moldings, produce relief panels, rabbet and dovetail for professional joints, trim formica, mortise doors for perfect hinge mounting, make signs, or cut the delicate grooves for professional inlay work.

Horsepower and bearing construction constitute the main differences between the routers. The greater the work load to be performed, the greater the horsepower needed and the heavier the bearing construction required.

Our basic model (#7610) is a perfect choice for the man beginning to perform many woodworking jobs. For the more experienced home craftsman or the tradesman, the step-up unit (#7620) would be a good selection. Then the more powerful commercial router (#7640) is the tool favored by craftsmen doing production type jobs.

A complete line of bits for the routers is available. These include straight bits, grooving bits, rabbeting bits, decorating bits, panel pilot bits, trimming bits, and trimming cutters. See page 16 for a complete listing of these router bits.



A great variety of jobs can be performed with the accessories for these routers. These accessories include the straight and circular guide, power plane, hinge mortising template kit, dovetail kit, slot and circle cutting attachment, and veneer trimming guide.

## Black & Decker® ROUTER & KITS

### 7610 ¾ HP* ROUTER

A good choice for the man beginning to perform serious woodworking jobs. This tool cuts, routs, grooves, trims and decorates in wood, plastics, compositions. Large positive-control handles fit hands comfortably. Accurate, precision calibrated in 1/64", vertical depth adjustment. ¾ HP motor. Router Manual with complete easy-to-follow instructions included. 22,000 RPM; 120V AC; 5.0 amps.; .75 HP (Max. Motor Output); net wt. 6 lbs., ship. wt. 8 lbs.

*.75 HP (Max. Motor Output)

### 7620 1 HP* COMMERCIAL HEAVY-DUTY ROUTER

Cuts, routs, grooves, trims and decorates in wood, plastics, compositions. A must for every serious home craftsman or tradesman. Large positive control handles fit hands comfortably. Exclusive, accurate calibrated vertical depth adjustment. Big 1 HP* motor. Router Manual with complete easy-to-follow instructions included. 22,000 RPM; 120V AC; 5.5 amps.; 1 HP (Max. Motor Output); net wt. 6¼ lbs., ship. wt. 8¼ lbs.

*1 HP (Max. Motor Output)

commercial duty

### 7640 1½ HP* COMMERCIAL HEAVY-DUTY ROUTER

Large molded side handles for easy, positive control. Exclusive collet design eliminates run-out problems. Bits last longer. Better quality work. Rack and pinion micrometer depth adjustment calibrated and accurate in 1/64". Ball-bearing construction throughout. Includes: collet-type chuck with ¼" collet, plastic sub-base, 2 open end wrenches. 1.5 HP (Max. Motor Output); 8 amps.; 25,000 RPM; 120V AC/DC; net wt. 7¼ lbs., ship. wt. 8¼ lbs.

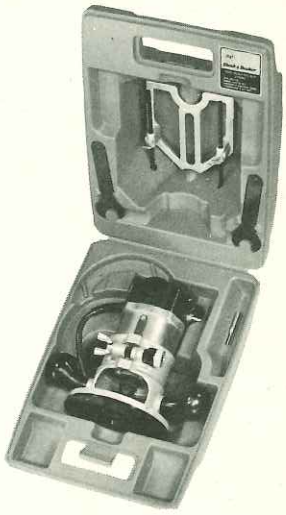
*1.5 HP (Max. Motor Output)

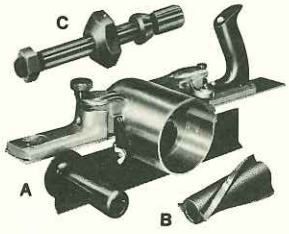
commercial duty

### 7630 1 HP* COMMERCIAL HEAVY-DUTY ROUTER KIT

Features versatile #7620 Router that, with practice, can turn an amateur into a professional woodworker. Custom-fitted carrying case keeps router and accessories handy and protected. Includes #7620 Router, U52336 straight and circular guide, U58987 router bit, 2 wrenches, plastic carrying case, router manual. Router net wt. 6¼ lbs., kit ship. wt. 15 13/16 lbs.

*1 HP (Max. Motor Output)






### ORDER THESE PARTS TO MAKE THE 7620 ROUTER USABLE AS A POWER-PLANE TOO.

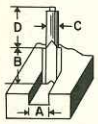
| | | |
|---|---|---|
| A. | U45927 | Plane Attachment |
| B. | U2770 | Plane Cutter Head |
| C. | U2771 | Plane Cutter Arbor (¼" Shank) |

ROUTER BITS AND ACCESSORIES PAGES 16 AND 17

# Black & Decker®
## ROUTER BITS

Carbide-tipped bits stay sharp longer. Both bits, left, cut 400 ft. of laminated plywood. The photos (enlarged 100 times) show the difference in wear. The bit on the right was carbide-tipped, the other one was not.

### Straight Bits

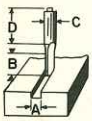


**Straight Bits • Two Flutes • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U58987 | 1/4 | 5/8 | 1/4 | 1 |
| U58988 | 1/4 | 1 | 1/4 | 1 1/4 |
| U58989 | 5/16 | 3/4 | 1/4 | 1 |
| U58990 | 3/8 | 3/4 | 1/4 | 1 |
| U58993 | 1/2 | 3/4 | 1/4 | 1 |
| U58995 | 5/8 | 3/4 | 1/4 | 1 |
| U58997 | 3/4 | 3/4 | 1/4 | 1 |
| U58998 | 1 3/16 | 3/4 | 1/4 | 1 |

CARBIDE TIPPED

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-215 | 1/4 | 7/8 | 1/4 | 1 1/4 |



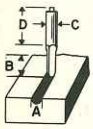
**Straight Bits • Single Flute • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59007 | 1/16 | 5/32 | 1/4 | 1 1/4 |
| U59009 | 1/8 | 3/8 | 1/4 | 1 1/4 |
| U59012 | 3/16 | 5/8 | 1/4 | 1 1/4 |
| U59014 | 7/32 | 5/8 | 1/4 | 1 1/4 |
| U59015 | 1/4 | 1 | 1/4 | 1 1/4 |

CARBIDE TIPPED
**Low cost 1/4" Shank, Single Flute, Carbide-Tipped, Straight Bits.**

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-203 | 3/16 | 1/2 | 1/4 | 1 |
| 76-205 | 1/4 | 5/8 | 1/4 | 1 1/8 |
| 76-206 | 5/16 | 1 3/16 | 1/4 | 1 |
| 76-207 | 3/8 | 7/8 | 1/4 | 1 |
| 76-209 | 1/2 | 1 | 1/4 | 1 |

### Grooving Bits

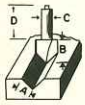


**Veining Bits • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59031 | 1/16 | 3/16 | 1/4 | 1 |
| U59033 | 1/8 | 5/16 | 1/4 | 1 |
| U59034 | 3/16 | 7/16 | 1/4 | 1 |
| U59035 | 7/32 | 7/16 | 1/4 | 1 |

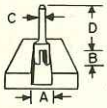
**Core Box Bits • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59037 | 1/4 | 1/4 | 1/4 | 1 |
| U59038 | 3/8 | 1/4 | 1/4 | 1 |
| U59039 | 1/2 | 11/32 | 1/4 | 1 |
| U59041 | 3/4 | 15/32 | 1/4 | 1 |



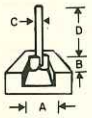
**"V" Grooving Bits • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59070 | 3/8 | 7/16 | 1/4 | 1 |
| U59071 | 7/8 | 1 5/16 | 1/4 | 1 |



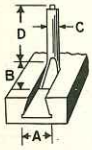
**Hinge Mortising Bits • 1/4" Shank • 2 Flutes**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59066 | 1/2 | 1/2 | 1/4 | 1 1/4 |



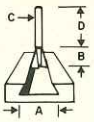
CARBIDE TIPPED

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-261 | 1/2 | 1/2 | 1/4 | 1 1/4 |



**Dovetail Bits • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59078 | 1/4 | 3/8 | 1/4 | 1 1/4 |
| U59079 | 1/2 | 17/32 | 1/4 | 1 1/16 |



### Grooving Bits cont'd

**Dovetail Bits • 1/4" Shank**
CARBIDE TIPPED

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-266 | 1/2 | 1/2 | 1/4 | 1 1/4 |

### Rabbeting Bits

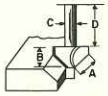
1/4" Shank • HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59063 | 1/4 | 7/16 | 1/4 | 1 |
| U59064 | 3/8 | 9/16 | 1/4 | 1 |

1/4" Shank • CARBIDE TIPPED

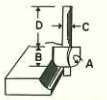
| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-242 | 1/2 | 5/8 | 1/4 | 1 |

### Decorating Bits



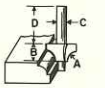
**Chamfering Bits • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59065 | 5/8 | 9/16 | 1/4 | 1 |



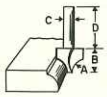
**Cove Bits • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59053 | 3/16 | 1/2 | 1/4 | 1 |
| U59054 | 1/4 | 1/2 | 1/4 | 1 |
| U59055 | 3/8 | 3/4 | 1/4 | 1 |
| U59056 | 1/2 | 3/4 | 1/4 | 1 |



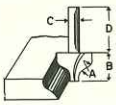
**Beading Bits • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59048 | 1/8 | 3/8 | 1/4 | 1 |
| U59049 | 1/4 | 1/2 | 1/4 | 1 |
| U59050 | 3/8 | 3/4 | 1/4 | 1 |



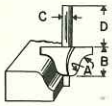
**Corner Round Bits • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59042 | 3/16 | 3/8 | 1/4 | 1 |
| U59043 | 1/4 | 1/2 | 1/4 | 1 |
| U59044 | 5/16 | 1/2 | 1/4 | 1 |
| U59045 | 3/8 | 5/8 | 1/4 | 1 |
| U59046 | 1/2 | 13/16 | 1/4 | 1 |



**Ogee Bits • 1/4" Shank**
HIGH SPEED STEEL

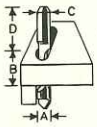
| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59057 | 3/16 | 5/8 | 1/4 | 1 |
| U59058 | 9/32 | 29/32 | 1/4 | 1 |



**Roman Ogee Bits • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59060 | 5/32 | 1/2 | 1/4 | 1 |
| U59061 | 1/4 | 3/4 | 1/4 | 1 |

### Panel Pilot Bits



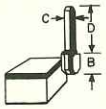
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59072 | 1/4 | 3/4 | 1/4 | 1 5/16 |
| U59073 | 3/8 | 7/8 | 3/8 | 1 1/8 |

CARBIDE TIPPED

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-245 | 1/4 | 3/4 | 1/4 | 1 1/4 |

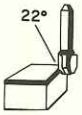
### Trimming Bits



**Low cost Carbide-Tipped, Combination Straight and 22° Bevel Bit.**

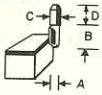
| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-250 | 3/16 | 7/16 | 1/4 | 1 |

### Laminate Trimming Bits



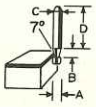
**22° Bevel Trimming Bit • Carbide Tipped • 2 Flutes**

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-254 | 7/16 | 1/4 | 1/4 | 5/8 |



**Straight & 22° Bevel • Carbide Tipped • 1 Flute**

| Cat.No. | A | B | C | D |
|---|---|---|---|---|
| 76-253 | 3/16 | 17/32 | 1/4 | 13/32 |



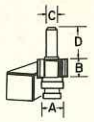
**7° Bevel • Solid Carbide**

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-255 | 3/16 | 3/8 | 1/4 | 1 |

**Flush Trim • Solid Carbide**

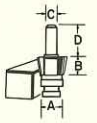
| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-256 | 1/4 | 3/8 | 1/4 | 1 |

### Trimming Cutters



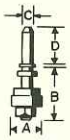
**Low cost 1/2", 2 Flute, Carbide-Tipped, Veneer Flush Cutter with Screw, Washer & Ball-Bearing.**

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-251 | 1/2 | 1/2 | 1/4 | 1 1/4 |



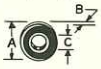
**Low cost 1/2", 2 Flute, Carbide-Tipped, 22° Bevel Cutter with Screw, Washer and Ball-Bearing.**

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-252 | 1 1/16 | 1/2 | 1/4 | 1 1/8 |



**Veneer Trimmer Arbor**

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59124 | 5/8 | 1 3/32 | 1/4 | 1 |



**Oversize Ball Bearing Assembly for use with 22°, 45° Cutters.**

| Cat. No. | A | B | C |
|---|---|---|---|
| U59125 | 13/16 | 1/4 | 1/4 |

**22° Bevel Trimming Cutter • Carbide Tipped**

| Cat. No. | A | B | C |
|---|---|---|---|
| U59132 | 57/64 | 3/8 | 1/4 |

**45° Bevel Trimming Cutter • Carbide Tipped**

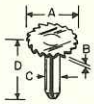
| Cat. No. | A | B | C |
|---|---|---|---|
| U59133 | 1 | 1/4 | 1/4 |

Arbor not included.

**Flush Trimming Cutter • Carbide Tipped**

| Cat. No. | A | B | C |
|---|---|---|---|
| U59134 | 5/8 | 3/8 | 1/4 |

Use 3 items above on U59124 Arbor



**Trimming Saw • Solid Carbide**

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| U59131 | 3/4 | 1/32 | 1/4 | 1 |

## LOW COST ARBOR-TYPE HIGH SPEED STEEL ROUTER BITS

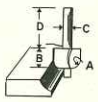
Here are the high quality, low cost router bits that will make your router more useful because they're more affordable. Fit any router with a 1/4" collet.

### Rabbeting Bits

1/4" Shank • HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-042 | 3/8 | 9/16 | 1/4 | 1 |

### Decorating Bits

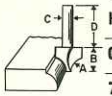


**Cove Bits • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-074 | 3/8 | 3/4 | 1/4 | 1 |

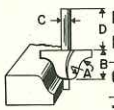
**Beading Bits • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-082 | 5/16 | | 1/4 | 1 |



**Corner Round Bits • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-088 | 3/8 | 5/8 | 1/4 | 1 |



**Roman Ogee Bits • 1/4" Shank**
HIGH SPEED STEEL

| Cat. No. | A | B | C | D |
|---|---|---|---|---|
| 76-097 | 3/16 | 5/8 | 1/4 | 1 |

**ROUTER BIT SETS AND CASES ON NEXT PAGE**

# Black & Decker®

## ROUTER BIT SETS AND CASES

### 76-305 5 PC. ARBOR-TYPE ROUTER BIT SET

**Save more than 50%** over comparable, individually purchased single piece router bits. Includes U59015 1/4" straight bit; 3/8" rabbeting, 3/8" core, 3/16" roman ogee and 3/8" corner round cutters. Cutters are interchangeable with included 1/4" arbor with pilot. All in handy custom-fitted plastic case.

### 76-307 7 PC. ARBOR-TYPE ROUTER BIT SET

**Save more than 50%** over comparable, individually purchased single piece router bits. Includes U59015 1/4" straight bit, U59033 1/8" veining bit; 3/8" rabbeting, 3/8" core, 3/16" roman ogee, 3/8" corner round and 5/16" beading cutters. Cutters are interchangeable with included 1/4" arbor with pilot. All in handy custom-fitted plastic case.

### 76-350 CARBIDE-TIPPED TRIMMING SET

Includes 3 of the most used carbide tipped cutters for trimming Formica. 76-205 1/4" straight bit (single flute), 76-251 1/2" veneer flush cutter (2 flutes) with bearing; 76-252 1/2" 22° bevel cutter (2 flutes) with bearing. In reusable plastic box for storage and protection.

### U2499 4 PC. ROUTER BIT SET

Includes 4 of the most popular Router Bits in plastic pouch; 3 straight bits (U59009, U58987, U58990), 1 corner round bit U59043.

### U2498 3 PC. ROUTER BIT SET

Includes 3 of the most popular Router Bits in a plastic pouch: 1 U58987 1/4" straight bit (2 flutes), 1 U59009 1/4" straight bit (single flute) and 1 U59043 1/4" corner round bit.

### U63574 ROUTER BIT CASE

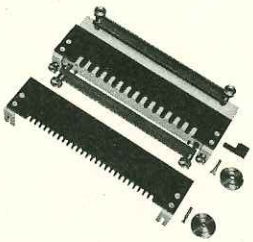
Custom-fitted silver-gold plastic router bit storage case. Individual spaces for 25 1/4" shank router bits, six 1/2" shank bits and 2 template guides.

### 76-916 ROUTER CASE

Custom-fitted, blue plastic carrying case for 7610, 7620, 7640 Routers. Also has space for 2 wrenches, straight and circular guide, and router bits.

## COMMERCIAL DUTY ROUTER ACCESSORIES





### U52331 DOVETAIL KIT

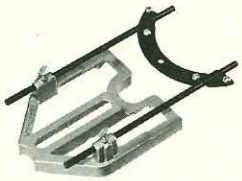
Contains everything needed to equip Router for making precise 1/2" dovetails in wood from 7/16" to 1" thick. Includes U62945 7/16" Template Guide, U62942 Template Guide Nut for large Dovetail Template, U52598 Dovetail Fixture, U52338 Large Finger Template, U59079 1/2" Dovetail Bit and 1 9/32" Depth Gage.

### Replacement Parts for U52331 Dovetail Kit

**U52598** Dovetail Fixture
**U52338** Large Finger Template
**U62945** 7/16" Template Guide
**U62942** Template Guide Nut
**U59079** 1/2" Dovetail Bit

For making 1/4" dovetails in wood from 5/16" to 5/8" thick, use following items with U52598 Dovetail Fixture listed above.

**U62943** 5/16" Template Guide
**U62942** Template Guide Nut
**U52339** Small Finger Template
**U59078** 1/4" Dovetail Bit

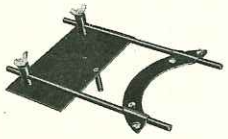


### 76-230 STRAIGHT AND CIRCLE GUIDE

Enables operator to make straight, curved or angular cuts with ease and accuracy. Threaded rods attach to router base. Guide can be reversed for routing inside edges such as rabbeting for screen frames, etc.

### U52597 REPLACEMENT GRINDING WHEEL

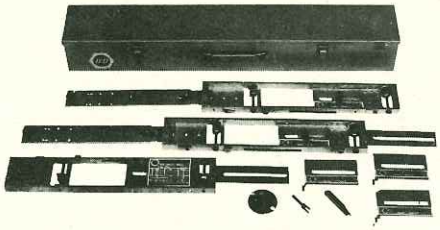
For Bit and Cutter Sharpener



### U52332 SLOT AND CIRCLE GUIDE

Equips Router for cutting evenly spaced slots and grooves, discs, holes and concentric designs. Adjusts for diameter or length from 1" to 22" in circle cutting, or slot cutting.

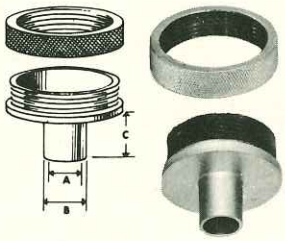
**76-231** Slot and Circle Guide for 7610 and 7620, type 2 only, Routers.



### U58129 HINGE MORTISING TEMPLATE KIT

A simple and fast way to rout doors and jambs for hinges. Predetermined dimensional settings eliminate measuring each door. Standard adjustments are 6'-6", 6'-8", 7'. Can also accommodate doors as low as 5'-10" or as high as 8'. Handles hinges from 2 1/2" to 5 1/2" or fractional sizes. Hangs doors with hinges as close as 5" from top of door jamb. Lowest cost way to hang wood doors to metal jambs. Kit includes Hinge Butt Template, Hinge Mortising Bit, Hinge Mortising Template Guide, Template Guide Nut, Corner Chisel and Metal Carrying Case.

**U58128 HINGE BUTT TEMPLATE**

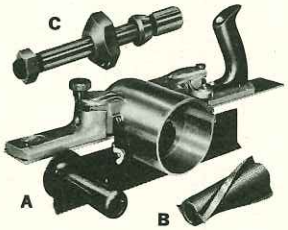



### TEMPLATE GUIDES

| | A | B | C |
|---|---|---|---|
| *U62943 | 17/64 | 5/16 | 3/16 |
| U62944 | 9/32 | 3/8 | 3/16 |
| †U62945 | 11/32 | 7/16 | 3/16 |
| U62946 | 13/32 | 1/2 | 3/8 |
| ‡U62947 | 17/32 | 39/64 | 5/8 |

**U62942** Template Guide Nut. Fits all of above Guides. Order separately.

*For use with 1/4" Dovetail Template.
†For use with 1/2" Dovetail Template.
‡For use with Hinge Mortising Template.




### ORDER THESE PARTS TO MAKE THE 7620 ROUTER USABLE AS A POWER-PLANE TOO.

**A. U45927** Plane Attachment
**B. U2770** Plane Cutter Head
**C. U2771** Plane Cutter Arbor (1/4" Shank)

### VENEER TRIMMER GUIDE

Provides precision veneer trimming with B&D Router. Includes underguide, Combination Veneer Trimming Bit, alignment pin.

**Cat. No. U64895**

**Cat. No. U2834** Replacement Alignment Pin (See B&D Service)

## CIRCULAR SAW BUYING GUIDE

Black & Decker offers a wide range of circular saws for home and construction use. The power and speed of cutting is a circular saw's greatest benefit. A sharp 6½", 7¼" or 8" saw blade, started correctly in a ripping cut will tend to keep itself on the proper line. However, optional rip fences are available to insure more accurate cutting.

Through the use of a Black & Decker circular saw, an amateur carpenter could frame a cottage, or add a room to his home in a matter of days — hand sawing could take a number of **weeks.**

Portability is another of the major advantages of the circular saw. You take it to the work rather than trying to handle or wrestle an awkward, heavy 4′ x 8′ sheet of ¾" plywood. By supporting the sheet on blocks a few inches above the floor or the ground, a circular saw can cut it in half or lengthwise in a matter of **seconds.**

All Black & Decker circular saws have tilting shoes with graduated scales showing the precise angle for bevel or angle cuts.

Maximum tool horsepowers are from 1¼ HP to 2½ HP. Use a higher horsepower saw for heavier type work or if the saw is to be used consistently for extended periods of time.

Some saws have a half shoe design, the higher priced ones have a wrap around full shoe for added support — this is especially helpful for making cuts in large sheets of plywood or composition. Auxiliary handles on certain models afford additional control.

Commercial-Duty Double Insulated Saws have a vertical adjustment feature that operates easily, controls depth of cut and retains the same balance in all positions.

Each saw can use a variety of blades — for all-purpose wood cutting use a combination blade and for smooth cutting a planer blade. There are blades designed specifically for plywood, ripping and friction-type or abrasive blades for cutting metal or masonry.

Other accessories include a saw carrying case, saw protractor, rip fence, and cut-off guide. (See page 21.)

### 7380 *VALUE-PLUS*™ 7¼" SAW

**1.5 HP** (Max. Motor Output). Powerful motor handles big jobs with ease. Wraparound sturdy steel shoe for added support. Sawdust ejection chute keeps sawdust away from cutting line for better visibility. Handle placement gives excellent balance and control. Accepts optional U1915 rip fence. 7¼" combination blade included. Cutting depth: 90° 2⅜", 45° 1⅞"; 120V AC; 9 amps.; 4900 RPM; net wt. 12⅜ lbs., ship. wt. 15⅝ lbs.

## 7390 VALUE-PLUS™ 7¼" SAW

**1.5 HP** (Max. Motor Output). Double insulated. Bevel and depth adjustments quickly, easily made. Two handles for positive, steady control. Power lock-off button guards against accidental starts. Accepts optional 73-501 rip fence. Sawdust ejection chute keeps sawdust away from cutting line for better visibility. 7¼" combination blade included. Cutting depth: 90° 2 7/16"; 45° 1⅞"; 120V AC; 9 amps.; 5300 RPM; net wt. 10 lbs., ship. wt. 12 lbs.

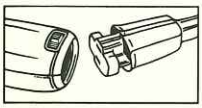
## 7301 7¼" SAW

**1.25 HP** (Maximum Motor Output). A good value general-purpose saw. Sawdust ejection chute keeps sawdust away from cutting line for better visibility. Accepts optional 73-501 rip fence. Bevel and depth adjustments quickly and easily made. 7¼" combination blade included. Cutting depth: 90° 2⅜", 45° 1⅞"; 120V AC; 9 amps.; 4900 RPM; 11¼ lbs., ship. wt. 13⅞ lbs.

4

### 7334 7¼" DELUXE SAW

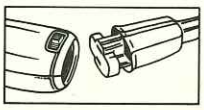
**2 HP** (Max. Motor Output). Versatile, lightweight power for all-purpose cutting. Convenient locking knobs on depth-of-cut and bevel adjustments make setting the right depth and angle quick and easy. Adjustable 0° bevel stop and cutting line guide too. Two roller bearings help assure smooth, dependable operation and long life. Front handle provides sure, two-hand control on every cut. Wraparound sturdy steel shoe for added support. Power switch lock-off guards against accidental starts. Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Double insulated. Accepts optional 73-501 rip fence. 7¼" combination blade included. Cutting depth 90° 2 7/16", 45° 1⅞"; 120V AC; 10 amps.; 5300 RPM; net wt. 10½ lbs., ship. wt. 12 lbs.



Exclusive Detachable Cord feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6 ft. cord to be locked away for safety. Easier cord replacement. 15′ and 25′ extension cords that fit saw handle are available.

### 7394 VALUE-PLUS™ 7¼" SAW

**1.62 HP** (Max. Motor Output). Strong, versatile and lightweight for all-purpose cutting. Excellent visibility from either side. Double insulated. Handle placement gives excellent balance and control. Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Accepts optional 73-501 rip fence. Sawdust ejection chute keeps sawdust away from cutting line for better visibility. Wraparound sturdy steel shoe for added support. Power lock-off button guards against accidental starts. 7¼" combination blade included. Cutting depth: 90° 2 7/16", 45° 1⅞"; 120V AC; 10 amps.; 5300 RPM; net wt. 10 lbs., ship. wt. 12¼ lbs.



Exclusive Detachable Cord feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6 ft. cord to be locked away for safety. Easier cord replacement. 15′ and 25′ extension cords that fit saw handle are available.

## Builders SAWCAT® Circular Saws

Made to meet the most demanding needs of builders, professional carpenters and home remodelers who want the very best.

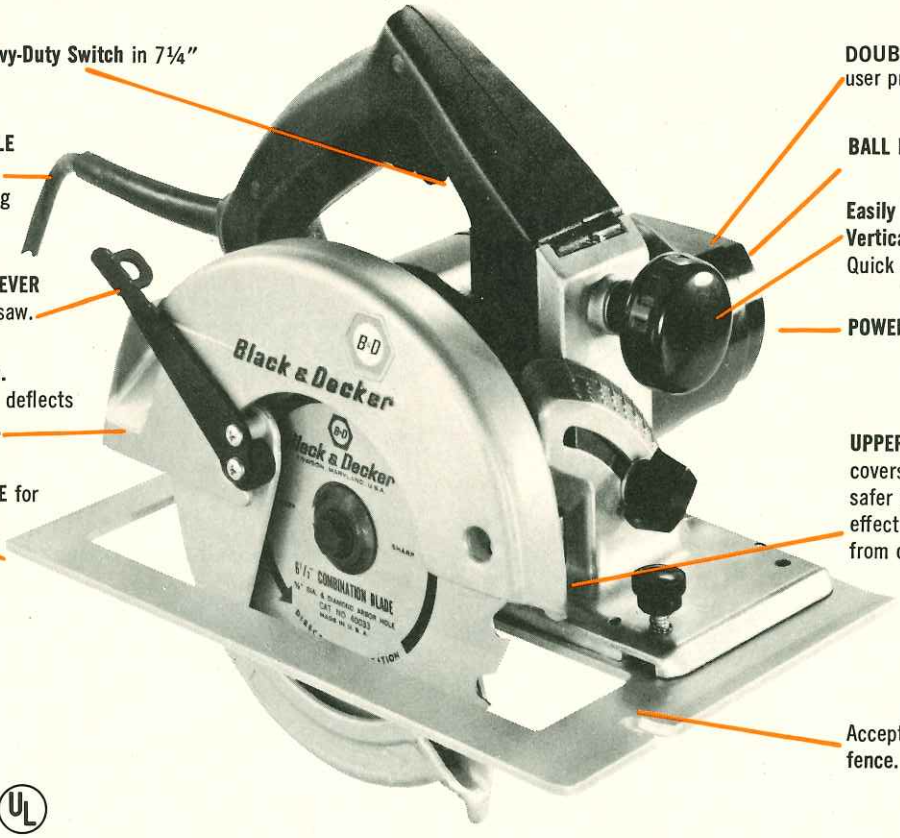
**20 AMP, LONG LIFE, Heavy-Duty Switch** in 7¼" and 8" saws.

**10 FOOT HIGHLY FLEXIBLE CORD SET.** Stays flexible in normal or cold working conditions.

**OVERSIZE RETRACTING LEVER** keeps hands away from saw.

**Sawdust Ejection System.** Keeps cutting line clear, deflects sawdust away from user.

**FULL WRAPAROUND SHOE** for added support.




**DOUBLE INSULATED*** for user protection.

**BALL BEARING CONSTRUCTION.**

**Easily Maneuverable Vertical Adjustment.** Quick settings, faster work.

**POWERFUL MOTOR.**

**UPPER BLADE GUARD** covers more of the blade for safer operation and more effectively ejects sawdust away from operator.

Accepts optional U1915 rip fence.

commercial duty

UL

**COMPARATIVE SPECIFICATIONS**

| Cat. No. | Size | HP (Max. Motor Output) | Depth of Cut | RPM | Amps. | Volts | Equipped with Premium Quality Supersharp Combination Blade | Net Wt. | Ship Wt. |
|---|---|---|---|---|---|---|---|---|---|
| 7386 *3036-09 | 6½" | 2 | 90° 2 1/16" 45° 1¾" | 5500 | 10 | 120 AC | =73-106 6½" | 11¼ lbs. | 13 lbs. |
| 7387 *3037-09 | 7¼" | 2.25 | 90° 2 7/16" 45° 2" | 5500 | 11.5 | 120 AC/DC | =73-107 7¼" | 12½ lbs. | 14 lbs. |
| 7388 *3038-09 | 8" | 2.5 | 90° 2 13/16" 45° 2¼" | 5500 | 12 | 120 AC/DC | =73-108 8" | 12⅝" lbs. | 14¼ lbs. |

* Nos. 3036-09, 3037-09, 3038-09 saws have standard 3-wire plug on cord that requires grounding and saws are not double insulated.

commercial duty

UL

### 7340 7¼" COMMERCIAL-DUTY SAW

**2 HP** (Maximum Motor Output). Husky motor gets the big jobs done fast. Burnout-protected motor. Wraparound shoe gives firm support. Ball and roller bearings for long life. Accepts optional U1915 rip fence. Man-size auxiliary knob for easy handling, better control. 7¼" combination blade included. Heavy cast aluminum quadrant for accurate bevel settings. Cutting depth: 90° 2 9/32", 45° 1 25/32"; 120V AC; 10 amps.; 2 HP (Max. Motor Output); 5200 RPM; net wt. 11¾ lbs., ship. wt. 14½ lbs.

# Black & Decker® CIRCULAR SAW ACCESSORIES, RECIPROCATING SAW BLADES

### 73-300 3 IN 1 CIRCULAR SAW BLADE PACK

Three of the most popular Black & Decker-manufactured SUPERSHARP Standard Quality circular saw blades packaged to bring you a saving. Includes 73-007 7¼" Combination Blade, 73-027 7¼" Crosscut Blade and 7¼" 73-047 Plywood Blade. See standard quality blades, top of page 22, for blade uses.

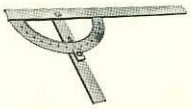
### 73-511 CARRYING CASE FOR 7301 SAW

Custom molded plastic carrying case. Has room for rip fence, extra blades, blade wrench. Protects saw and keeps accessories handy.

### 73-510 SAW CARRYING CASE

Protect your saw, keep saw accessories and extra blades handy on the job.

Made of sturdy steel. Fits all B&D Saws.

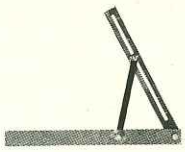


### U1812 SAW PROTRACTOR

Permits accurate cuts 0° to 90° angles. Saves time and effort on all angle cuts.

### 70-220 SAWHORSE BRACKETS

Self-mounting sawhorse brackets attach quickly to 2 x 4 lumber. One 70-220 makes 1 sawhorse.



### U1918 ADJUSTABLE CUT-OFF GUIDE

Adjusts for any angle from 0° to 45°. Use as a handy square, or bevel for transferring inside corner angles.

### U1915 RIP FENCE

Quickly attaches to all B&D circular saws (except 7301, 7307, 7310, 7304, 7324, 7334) for fast, smooth rip cuts without penciled guide lines.

### 73-501 RIP FENCE

Attaches to 7301, 7307, 7304, 7324, 7334 circular saws for making fast rip cuts without penciled guide lines.

### 73-900 CIRCULAR SAW ARBOR WRENCH

Replacement circular saw arbor wrench. Fits all saws with ½" or 9/16" arbor nuts.

4

# Black & Decker® UNIVERSAL RECIPROCATING SAW BLADES (Two Blades Per Package)

Universal shank permits blades to fit all reciprocating saws. Designed and made by Black & Decker to give long life and fast cutting in wood, metal, plastics, etc. Give maximum blade efficiency with B&D reciprocating saws and improve the cutting capabilities of many other makes of saws.

**CAT. NO. 75-270**

**General-Purpose Wood Cutting Blade** 6" long, 7 teeth per inch.
For general roughing-in work. Resists nails. Ideal for pruning trees.

**CAT. NO. 75-271**

**Fast Wood Cutting Blade** 6" long, 3 teeth per inch.
For fast roughing-in work in wood without nails.

**CAT. NO. 75-272**

**Fine Wood Cutting Blade** 6" long, 18 teeth per inch.
For fine cuts for opening crates with nails, removing wood siding and shingles.

**CAT. NO. 75-273**

**Nail-Embedded Wood Cutting Blade** 6" long, 10 teeth per inch.
For nail-embedded wood and composition cutting, for cutting plastic, plywood, etc.

**CAT. NO. 75-280**

**High Speed Metal Cutting Blade** 6" long, 18 teeth per inch.
For cutting metals heavier than 18 gauge: pipe, conduit, tubing, etc.

**CAT. NO. 75-281**

**High Speed Scroll Metal Cutting Blade** 3" long, 18 teeth per inch.
For cutting irregular contours in sheet metal.

**CAT. NO. 75-282**

**High Speed Light Metal Cutting Blade** 4" long, 24 teeth per inch.
For cutting metal lighter than 18 gauge: sheet, tubing, trim, etc.

# SUPERSHARP Saw Blades with Diamond Knockouts

Sharper, quieter, cleaner-cutting, longer lasting than ordinary blades; plus lower prices. This is what you get with Black & Decker Supersharp Blades. Our revolutionary manufacturing process provides a more uniform sharpness on the cutting edge of the teeth (see photos). This uniformity gives you a fast, smooth cut every time. All blades (except the few noted with asterisks) have a 5/8" round arbor hole with a diamond knockout to fit all saws with either a 5/8" round or diamond arbor.

ORDINARY BLADE

PHOTOS ENLARGED 65 TIMES

SUPERSHARP BLADE

## STANDARD QUALITY BLADES

Outstanding value for the price. These blades are made from the highest quality spring steel. The blades are then coated with a hard-baked enamel to resist gum and resin buildup on the teeth during cutting. Available in the five most popular types and sizes to cut all types of wood products.

**PLYWOOD**

| No. | Diam. | Teeth |
|---|---|---|
| 73-046 | 6½" | 130 |
| 73-047 | 7¼" | 140 |
| 73-048 | 8" | 150 |

Finely ground teeth give cuts with minimum splintering in plywood, panelling, veneers, Cellotex, thin plastics, etc. Will make smooth crosscuts and miters equally well.

**MASTER COMBINATION**
(Flat Ground Planer)

| No. | Diam. | Teeth |
|---|---|---|
| 73-056 | 6½" | 50 |
| 73-058 | 8" | 60 |

General-purpose blade designed for ripping, cutting off and mitering wood where a fine, smooth cut is needed. No sanding is necessary..

**CROSS-CUT**

| No. | Diam. | Teeth |
|---|---|---|
| 73-026 | 6½" | 90 |
| 73-027 | 7¼" | 100 |
| 73-028 | 8" | 100 |

Specifically designed for smooth fast cutting **across** the grain of both hard and soft woods where finish is an important factor. May also be used for rip and crosscuts on **extremely** hard woods.

**COMBINATION**

| No. | Diam. | Teeth |
|---|---|---|
| 73-006 | 6½" | 18 |
| 73-007 | 7¼" | 20 |
| 73-008 | 8" | 22 |
| 73-010 | 10" | 28 |

Chisel tooth configuration makes this the fastest cutting blade in our Standard Quality line. Specifically designed for general purpose ripping and cross-cutting where the finish of the cut is not critical.

**FRAMING/RIP**

| No. | Diam. | Teeth |
|---|---|---|
| 73-036 | 6½" | 40 |
| 73-037 | 7¼" | 40 |
| 73-038 | 8" | 40 |

An all-purpose blade for smooth, fast cutting in any direction. Rips, crosscuts, miters, etc. One of the most popular all-purpose blades available. Gives especially fast, smooth finishes when cutting with the grain of both soft and hard woods.

## BLADES COATED WITH TEFLON-S* *DuPont's registered trademark for its non-stick finish.

Coated with DuPont's TEFLON-S*. This means (1) less heat from friction because of self-lubricating surface, thus blade stays sharper longer, (2) blades will resist rust, (3) these TEFLON-S* coated blades will decrease drag and glue build-up during the cutting of resinous, wet or green lumber, such as plywood, paneling, uncured and/or pitch-filled woods.

**COMBINATION**

| No. | Diam. | Teeth |
|---|---|---|
| 73-206 | 6½" | 18 |
| 73-207 | 7¼" | 20 |

Here is a blade which combines a fast cutting tooth configuration with TEFLON-S* coating for less heat and resin build-up for longer blade life. The chisel tooth configuration is specifically designed for general-purpose ripping and crosscutting.

**PLYWOOD**

| No. | Diam. | Teeth |
|---|---|---|
| 73-226 | 6½" | 130 |
| 73-227 | 7¼" | 140 |

Finely ground teeth along with TEFLON-S* coating give cuts with minimum splintering in plywood, paneling, veneers and other resinous woods without glue buildup. TEFLON-S* coating increases cutting life by reducing heat build-up.

# PREMIUM QUALITY BLADES

Hard, industrial chrome plated (not just decorative chrome plating) to give twice the cutting life of unplated blades. Plating improves wear resistance, protects against rust and other corrosion, reduces gum or resin build-up on teeth. Your best buy in top quality blades.

**COMBINATION**

Chisel tooth configuration means this blade is the fastest cutting blade in our line. Specifically designed for general-purpose ripping and cross-cutting where the finish of the cut is not the most desired effect.

| No. | Diam. | Teeth | No. | Diam. | Teeth |
|---|---|---|---|---|---|
| 73-105 | 5⅞" | 16 | •*73-117 | 7¼" | 20 |
| 73-106 | 6½" | 18 | †*73-118 | 8" | 22 |
| 73-107 | 7¼" | 20 | *R997 | 9" | 48 |
| 73-108 | 8" | 22 | *R1041 | 10" | 48 |
| | | | *R1034 | 12" | 44 |

* No diamond knockout.
• 1⅛" arbor hole.
† 1⅜" arbor hole.

**FRAMING/RIP**

| No. | Diam. | Teeth |
|---|---|---|
| 73-136 | 6½" | 40 |
| 73-137 | 7¼" | 40 |
| 73-138 | 8" | 40 |

An all-purpose blade for smooth, fast cutting in any direction. Rips, crosscuts, miters, etc. One of the most popular all-purpose blades available. Gives especially fast, smooth finishes when cutting with the grain of both soft and hard woods.

**METAL CUTTING**

| No. | Diam. | Teeth |
|---|---|---|
| 73-186 | 6½" | 64 |
| 73-187 | 7¼" | 68 |
| 73-188 | 8" | 76 |

Teeth shaped and set specifically for cutting aluminum, copper, lead and other soft metals.

**HOLLOW GROUND PLANER**

| No. | Diam. | Teeth |
|---|---|---|
| 73-156 | 6½" | 50 |
| 73-157 | 7¼" | 50 |
| 73-158 | 8" | 60 |
| R1011 | 9" | 65 |
| R1013 | 10" | 75 |

Specially ground for satin-smooth finish cuts (crosscuts, rips and miters) in all solid woods. A professional quality blade for use in cabinet work, furniture, etc. Specifically designed to make extremely smooth cuts in wood 1" thick and thicker. Eliminates need for sanding.

***CARBIDE TIPPED (8 tooth)**

| No. | Diam. | Teeth |
|---|---|---|
| †73-176 | 6½" | 8 |
| †73-177 | 7¼" | 8 |
| †73-178 | 8" | 8 |
| R989 | 10" | 8 |

† No diamond knockout.

Specially designed for cutting tough-to-cut materials such as: Transite, Cemesto board, asbestos, Formica and Masonite. Will also cut wood where speed and finish are not critical. Each blade has tungsten carbide permanently braised on each tooth for up to 15 times the cutting life without sharpening.

***CARBIDE TIPPED (18 & 20 tooth)**

| No. | Diam. | Teeth |
|---|---|---|
| •†73-246 | 6½" | 18 |
| •†73-247 | 7¼" | 20 |

† No diamond knockout.
* Not made by Supersharp method.
• Blades cannot be sharpened.

Chisel tooth combination blade for fast general-purpose cutting in all types of **woods.** Tips are of tungsten carbide material which outlasts regular steel blades up to 10 to 1. Teeth are accurately set for ease of cutting. This all adds up to a blade which gives you the fastest cutting, longest life of any blade available.

**RIP**

| No. | Diam. | Teeth |
|---|---|---|
| R1426 | 10" | 36 |
| R2311 | 12" | 32 |

Fast for rip cuts. Minimum binding and better chip clearance given by large teeth.

**HOLLOW GROUND PLYWOOD**

| No. | Diam. | Teeth |
|---|---|---|
| 73-146 | 6½" | 130 |
| 73-147 | 7¼" | 140 |
| 73-148 | 8" | 150 |
| R1014 | 10" | 200 |

Special taper grinding on the sides of this thin rim blade gives an absolutely smooth cut in plywood, veneers and laminates, etc. Can be used in crosscutting and mitering for a professional finish on all types of cabinet work. Eliminates need for sanding.

**STEEL CUTTING FRICTION**

| No. | Diam. | Teeth |
|---|---|---|
| 73-196 | 6⅜" | 16 |
| 73-197 | 7⅛" | 16 |

Designed for cutting corrugated or sheet roofing, black iron, furnace pipe or thin bar stock. Cuts faster with less filings than abrasive blades. Cuts by friction action.

**CROSS-CUT**

| No. | Diam. | Teeth |
|---|---|---|
| 73-126 | 6½" | 90 |
| 73-127 | 7¼" | 100 |
| 73-128 | 8" | 100 |

Specifically designed for smooth, fast cutting **across** the grain of both hard and soft woods where finish is an important factor. May also be used for rip and crosscuts on **extremely** hard woods.

**FLOORING**

| No. | Diam. | Teeth |
|---|---|---|
| 73-166 | 6½" | 64 |
| 73-167 | 7¼" | 68 |
| 73-168 | 8" | 76 |

For use where nails or other metal objects may be encountered, such as cutting reclaimed lumber, flooring, opening crates. Allows crosscuts as well as miters.

# ABRASIVE BLADES

Highest quality grit gives Longer Life, Faster Cutting — real time and money savers. Efficiently cut or slot materials. Reinforced with fiberglass to give Safe Performance and Longer Life — makes blades highly break-resistant.

**METAL CUTTING** (blue label): aluminum oxide; cuts ferrous metals (steel, cast iron, stainless steel) and hardened non-ferrous metals (hard brass, aluminum, bronze).

| Cat. No. | Diam. |
|---|---|
| 73-215 | 5⅞" |
| 73-216 | 6½" |
| •73-317 | 7" |
| 73-217 | 7" |
| 73-218 | 8" |

* 5/8" round arbor hole only.

**MASONRY & TILE CUTTING** (red label): silicon carbide; cuts masonry materials, concrete, soft brick, cinder block, asbestos, cement, concrete block, gypsum walboard, Transite, limestone, sandstone, corrugated plastic and soft non-ferrous metals.

| Cat. No. | Diam. |
|---|---|
| 73-235 | 5⅞" |
| 73-236 | 6½" |
| 73-237 | 7" |
| •73-337 | 7" |

* 5/8" round arbor hole only.

| Cat. No. | Diam. | Arbor |
|---|---|---|
| 73-238 | 8" | |
| •73-239 | 8" | 1⅜" |

* Does not have diamond knockout.

All abrasive blades have diamond arbor hole for the popular worm-drive saws plus adapter which converts it to 5/8" round arbor hole if needed.

**Recommendations: With B&D 6½" Saws use 6½" or 6⅛" blades; with B&D 7¼" saws use 7", 7⅛", 7¼" blades; with B&D 8" saws use 8" blades.**

# RAPID EXCHANGE CONSUMER SATISFACTION GUARANTEE

## (A FULL ONE YEAR WARRANTY)

**Most Black & Decker consumer portable power tools and lawn-and-garden portable power tools are guaranteed for one year from date of purchase. If you are not completely satisfied with one of these products, you will receive free of charge a replacement tool upon return of the original tool to the seller (if a participating retailer) or to a Black & Decker Service Center.**

In returning a tool for replacement proof-of-purchase is required and all original standard equipment must also be returned (for example, chuck, chuck key, auxiliary handles, circular saw blades). Expendable original equipment such as sanding sheets, belts and discs and jig saw blades need not be returned. For kits and assortments only the basic power tool will be replaced.

This Rapid Exchange Satisfaction Guarantee **does not** cover commercial duty tools, home workshop and lawn-and-garden tools used in commercial service, lawn mowers, stationary tools, tools used in rental service or accessories. On these products a one-year guarantee on defects will apply, excluding accessories.

# ONE YEAR GUARANTEE

## (A LIMITED WARRANTY)

Applicable to products not covered by the Rapid Exchange Consumer Satisfaction Guarantee:

- Commercial Duty Tools
- Home Workshop and Lawn-and-Garden Tools used in Commercial Service
- Stationary Tools
- Lawn Mowers
- Tools used in Rental Service

Black & Decker guarantees for one year from date of purchase to correct by repair or parts replacement without charge any product defect due to faulty material or workmanship on Commercial Duty tools, home workshop and lawn-and-garden tools used in commercial service, stationary tools, lawn mowers, or tools used in rental service. Simply return the complete unit, transportation prepaid, to any Black & Decker Service Center or Authorized Service Station. Black & Decker assumes no responsibility for damage or faulty performance caused by misuse, careless handling or where repairs have been made or attempted by others.

No other guarantees, written or verbal, are authorized.

Applicable products bear the Underwriters Laboratories Listed Marker.

See 'Tools-Electric' -Yellow Pages- for Service & Sales

Factory Operated Service Centers

# Black & Decker®

## sales and service centers

| | Area Code | Telephone No. |
|---|---|---|
| ALABAMA: Birmingham 35209, 10 Green Springs Highway | 205 | 942-0538 |
| ARIZONA: Phoenix 85004, 537 E. McDowell Rd. | 602 | 258-1332 |
| ARKANSAS: Little Rock, 72201, 519 West Seventh Street | 501 | 372-3040 |
| CALIFORNIA: Anaheim 92802, 1235 So. Euclid Ave. | 714 | 772-4050 |
| Fresno 93703, 2518 North Blackstone Avenue | 209 | 224-2152 |
| Los Angeles 90007, 2432 S. Broadway | 213 | 749-0371 |
| Los Angeles 90007, 2510 South Broadway (Sales only) | 213 | 749-7638 |
| Oakland (San Leandro) 94568, 15206 E. 14th St. | 415 | 276-1610 |
| Riverside 92506, 4010 Merrill Ave. | 714 | 787-9700 |
| Sacramento 95814, 1915 Seventeenth Street | 916 | 444-3188 |
| San Diego 92105, 3811 El Cajon Blvd. | 714 | 280-3331 |
| Santa Clara 95050, 2291 The Alameda | 408 | 241-9162 |
| So. San Francisco 94080, P.O. Box 231, 1139 Airport Blvd. | 415 | 871-7278 |
| Van Nuys 91401, 14920 Victory Blvd. | 213 | 787-5531 |
| COLORADO: Denver 80204, 675 Kalamath St. | 303 | 222-0621 |
| CONNECTICUT: Bridgeport 06603, 1055 Lafayette Circle | 203 | 368-3419 |
| Hartford 06114, 131 Meadow Street | 203 | 249-6241 |
| DISTRICT OF COLUMBIA: Washington | | |
| Bladensburg, Maryland 20710, 4501 Baltimore Ave. | 301 | 779-3808 |
| Falls Church, Virginia 22046, 129 Annandale Road | 703 | 533-1147 |
| Rockville, Maryland 20852, 1020 Rockville Pike | 301 | 340-7377 |
| FLORIDA: Jacksonville 32208, 5224 Pearl Street | 904 | 356-2951 |
| Miami 33168, 13345 N. W. Seventh Avenue | 305 | 681-6658 |
| Orlando 32806, 940 So. Orange Ave. | 305 | 423-1651 |
| Tampa 33609, 3401 W. Kennedy Blvd. | 813 | 872-8317 |
| GEORGIA: Atlanta 30313, 316 Techwood Drive, N.W. | 404 | 524-0431 |
| Atlanta 30354, 3271 Hamilton Blvd., S.W. (Sales only) | 404 | 762-1728 |
| HAWAII: Honolulu 96813, 675 Auahi Street | 808 | 536-9374 |
| ILLINOIS: Chicago, 60101, Addison, 1710 W. Armitage Court | 312 | 261-8630 |
| Chicago 60646, Lincolnwood, 6710 N. Crawford Ave. | 312 | 673-0923 |
| Chicago 60643, Beverly Hills, 10708 S. Western Ave. | 312 | 233-6832 |
| Des Plaines 60018, 2180 S. Wolf Rd. (Sales only) | 312 | 827-0083 |
| Rock Island 61201, 725 30th Street | 309 | 788-1744 |
| INDIANA: Evansville 47710, 307 First Ave., Crescent Center | 812 | 425-4269 |
| Hammond 46323, 7103 Kennedy Ave. | 219 | 845-5100 |
| Indianapolis 46202, 1125 W. 16th Street | 317 | 632-5569 |
| IOWA: Des Moines 50312, 2811 Ingersoll Ave. | 515 | 244-7257 |
| KANSAS: Wichita 67214, 203 N. Mathewson Street | 316 | 263-6571 |
| KENTUCKY: Louisville 40209, 4407 Park Blvd. | 502 | 366-1495 |
| LOUISIANA: Metairie (New Orleans) 70002, 3310 N. Causeway Blvd. | 504 | 837-2550 |
| MARYLAND: Baltimore 21211, 203 West 28th Street | 301 | 467-7411 |
| Baltimore 21205, 4712 Erdman Ave. | 301 | 485-5550 |
| Bladensburg (Wash. D.C.) 20710, 4501 Baltimore Avenue | 301 | 779-3808 |
| Hampstead 21074, P.O. Box F | 301 | 374-9046 |
| Rockville 20852, 1020 Rockville Pike | 301 | 340-7377 |
| Towson (Balto.) 21204, 701 East Joppa Rd. | 301 | 828-2910 |
| MASSACHUSETTS: Boston (Brighton) 02135, 12 Market St. | 617 | 782-6264 |
| MICHIGAN: Detroit 48219, 18133 W. McNichols Rd. | 313 | 534-8880 |
| Detroit (Mt. Elliott) 48234, 11360 East Seven Mile Rd. | 313 | 527-5010 |
| Flint 48504, G-4083 Clio Road | 313 | 789-6191 |
| Grand Rapids 49509, 3662 Clyde Park Ave., S.W. | 616 | 534-7708 |
| MINNESOTA: Bloomington (Minneapolis-St. Paul) 55420, 9712 Garfield Ave. | 612 | 884-9191 |
| MISSOURI: Kansas City 64111, 4324 Main St. | 816 | 531-0629 |
| Kansas City 64111, 4324 Main St. (Sales only) | 816 | 531-0633 |
| St. Ann 63074, 10933 St. Charles Rock Road | 314 | 739-4661 |
| St. Louis 63110, 615 S. Vandeventer Ave. (Service only) | 314 | 533-2210 |
| St. Louis 63110, 615 S. Vandeventer Ave. (Sales only) | 314 | 533-4720 |
| NEBRASKA: Omaha 68102, 2218 Leavenworth Street | 402 | 345-2330 |
| NEW JERSEY: Paterson (Little Falls) 07424, Rt. 46 East, at Lower Notch Rd. | 201 | 256-9373 |
| Union 07083, 2305 U. S. Highway 22 West (1 Block West of Flagship) | 201 | 964-7040 |
| NEW MEXICO: Albuquerque 87110, 4700 Lomas Blvd. N.E. | 505 | 265-6401 |
| NEW YORK: Albany (Latham) 12110, 836 Troy-Schenectady Rd. | 518 | 785-1867 |
| Buffalo 14209, 881 W. Delavan Ave. | 716 | 884-6220 |
| Great Neck 11021, 98 Cuttermill Rd. (Sales only) | | |
| Home Products Division | 516 | 829-9504 |
| Professional Division | 516 | 829-9505 |
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| New York 10462, 1894 E. Tremont Avenue (Bronx) | 212 | 792-2700 |
| New York 10014, 227 Varick St. (Manhattan) | 212 | 929-6450 |
| New York 11377, 56-15 Queens Blvd. (Woodside) | 212 | 335-1042 |
| Rochester 14620, 476 Clinton Ave. S. | 716 | 454-3814 |
| Syracuse 13224, 2140 Erie Blvd. E. | 315 | 446-3086 |
| Westbury 11590, 1059 Old Country Rd. (L.I.) | 516 | 997-6140 |
| NORTH CAROLINA: Charlotte 28206, 1710 N. Graham St. | 704 | 375-3721 |
| Fayetteville 28302, P.O. Box 424, Highway 301, S. | 919 | 425-9552 |
| Greensboro 27403, 1010 W. Lee Street | 919 | 275-0906 |
| Raleigh 27604, 2420 Atlantic Avenue | 919 | 834-8207 |
| OHIO: Cincinnati 45203, 1225 Western Ave. | 513 | 421-2275 |
| Cleveland 44113, 3901 Detroit Ave. | 216 | 651-4243 |
| Columbus 43227, 3975 E. Livingston Ave. | 614 | 237-0461 |
| Dayton 45420, 617 Watervliet Street | 513 | 252-1821 |
| Toledo 43607, 3231 Dorr St. | 419 | 531-8921 |
| OKLAHOMA: Oklahoma City 73106, 1318 Linwood Blvd. | 405 | 232-7515 |
| Tulsa 74145, 3120 South Sheridan Road | 918 | 622-5666 |
| OREGON: Portland 97209, 1640 N.W. Johnson Street | 503 | 228-8631 |
| PENNSYLVANIA: Allentown (Whitehall) 18052, 2242 MacArthur Rd. | 215 | 435-9544 |
| Harrisburg 17112, 6070 Allentown Blvd. | 717 | 545-0651 |
| Lancaster 17604, 715 Fountain Ave. | 717 | 393-5251 |
| Philadelphia 19103, 333 No. 20th Street (Service only) | 215 | 564-5520 |
| Pittsburgh 15232, 5437 Baum Blvd. | 412 | 362-2700 |
| Wayne 19087, 125 Strafford Avenue, Strafford Building #3 (Sales Only) | 215 | 688-0267 |
| RHODE ISLAND: E. Providence 02914, 2777 Pawtucket Ave. | 401 | 434-1655 |
| SOUTH CAROLINA: Greenville 29601, 407 Pendleton St. | 803 | 232-3038 |
| TENNESSEE: Knoxville 37917, 4110 North Broadway | 615 | 688-0921 |
| Memphis 38116, 986 East Brooks Rd. | 901 | 332-3444 |
| Nashville 37203, 601 Eighth Ave. S. | 615 | 254-1061 |
| TEXAS: Amarillo 79106, 3008 West 6th Ave. | 806 | 373-1531 |
| Dallas 75207, 1808 N. Industrial Blvd. (Service only) | 214 | 741-6401 |
| Dallas 75207, 1810 N. Industrial Blvd. (Sales only) | 214 | 747-6345 |
| El Paso 79925, 1400 Magruder Street | 915 | 778-9769 |
| Fort Worth 76103, 1801 Bomar Street | 817 | 336-0175 |
| Houston 77003, 105 Sampson Street | 713 | 228-7521 |
| San Antonio 78210, 1111 South Presa Street | 512 | 534-4611 |
| UTAH: Salt Lake City 84115, 1541 S. Third West Street | 801 | 486-7056 |
| VIRGINIA: Falls Church 22046, 129 Annandale Road | 703 | 533-1147 |
| Norfolk 23513, 7631 Sewells Point Road | 804 | 480-3333 |
| Richmond 23222, 1424 Chamberlayne Ave. | 804 | 649-9245 |
| WASHINGTON: Seattle 98109, 701 Third Ave., N. | 206 | 282-6432 |
| Spokane 99207, 3550 North Market Street | 509 | 489-9164 |
| WEST VIRGINIA: Charleston 25312, 1638 Sixth Ave. | 304 | 343-0289 |
| WISCONSIN: Milwaukee (West Allis) 53124, 10903 W. Lincoln Ave. | 414 | 543-9590 |

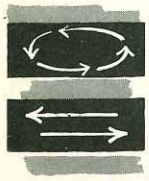
## SANDER BUYING GUIDE

Almost every home or professional project demands careful surface preparation if its finished state is to reflect the craftsman's skill. Invariably, finishing involves sanding. Power sanding gets the job done faster, easier and with more professional results.

Whether you prepare a wall for paper or paint, remove rust or paint from a car or outdoor patio furniture, or build a stereo cabinet or tables, you'll find a need for a Black & Decker sander.

Finishing sanders are the most popular, general-purpose tools used primarily for fine finishing but with the proper abrasive paper can be used for rougher work. A rectangular platen, holding the abrasive sheet, is driven in an orbital motion, moving the abrasive paper in a 3/16" circular motion at 4,000 or more orbits per minute.

Dual action sanders can have their platen motion changed, by the movement of a lever, from orbital action for fast material removal to straight line sanding for a "hand sanded" finish on wood, metal, or plastics. It is like having two sanders in one. Black & Decker sanders are designed for either one or two hand control and three sided flush sanding.



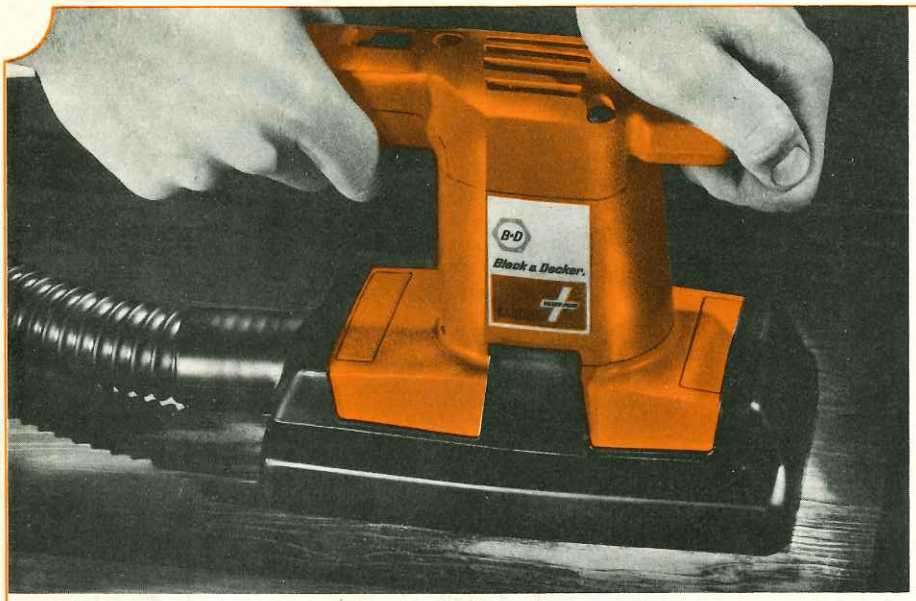
**Certain orbital sanders (7440 and 7404), with high speed oscillations, can be used for both fast material removal and "hand sanded" finishing.**

The powerful disc sander is ideal for big jobs involving paint or rust removal, for example, refinishing a car or a boat hull. Used with coarse grit abrasive discs, it can quickly remove enough material to smooth out rough lumber surfaces.

A belt sander is best used when there is a lot of material to be removed and speed is desired. A LCG, low center of gravity, belt sander is easier to use, greatly reduces tilting and gouging and gives a better finished surface. This tool drives a 3" wide abrasive belt at approximately 1200 SFPM (surface feet per minute), nearly a quarter mile of sanding each minute of operation. It can make short work of stain or varnish removal to flatten cupped boards or smooth a badly scarred table top. It is a two-handed tool and must be kept moving over the surface at all times because it removes material so rapidly.

Properly used, the belt sander travels **with** the grain of the wood and with progressively finer grit belts a smooth finish can be obtained.

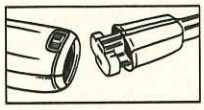
Both belt sanders and certain finishing sanders can be fitted with dust collecting attachments which pick up most of the dust. A wide variety of Black & Decker sandpaper, discs, and sanding belts are available.



## 7431 *VALUE-PLUS*™ SANDER/POLISHER ASSORTMENT

A dust collecting sander and a polisher. Add the dust collecting attachment and sandpaper and you have a finishing sander that's good for general-purpose sanding. Substitute the polishing pad for the sandpaper, remove the dust collecting attachment and you have a high speed polisher. Includes 7430 Finishing Sander, 74-001 dust collecting sanding attachment, 3⅝" x 9" polishing pad, 12 sheets assorted grit sandpaper. Net wt. 9 lbs.
Ship wt. 9¼ lbs.

UL



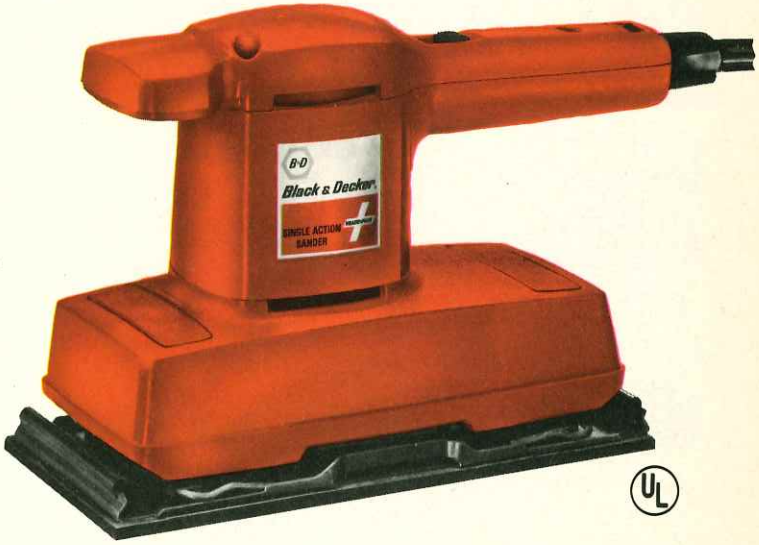
Exclusive Detachable Cord Feature permits cord to be positively locked to or removed from tool by simply sliding a lock button at rear of handle. Allows 6 ft. cord to be locked away for safety. Easier cord replacement. 15′ and 25′ extension cords that fit sander are available.

## 7491 *VALUE-PLUS*™ 1/2 SHEET DUAL-ACTION FINISHING SANDER ASSORTMENT

**1/3 HP** (Max. Motor Output). Large 4½″ x 11″ sanding surface. Gets jobs done faster, easier. Double insulated. Orbital motion for fast material removal; straight line motion for finest finishing sanding. Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Built-in fan and dust collector pick up most of the dust. Paper size: 4½″ x 11″ (½ standard sheet); 120V AC; 3 amps.; 4000 OPM; net wt. 6 5/16 lbs., ship. wt. 6 9/16 lbs.

## 7490 *VALUE-PLUS*™ 1/2 SHEET DUAL-ACTION FINISHING SANDER

Same as 7491 except without dust collecting attachment and sandpaper.



## 7480 *VALUE-PLUS*™ 1/2 SHEET FINISHING SANDER

**1/3 HP** (Max. Motor Output). Large 4½″ x 11″ sanding surface. Gets jobs done faster, easier. Orbital action for fast material removal. Double insulated. Exclusive detachable 6′ cord can be used as standard 2-prong extension cord. Accepts optional 74-000 Dust Collecting Sanding Attachment. Paper size 4½″ x 11″ (½ standard sheet); 120V AC; 3 amps.; 4000 OPM; net wt. 5½ lbs., ship. wt. 5¾ lbs.

5

## 7404 FINISHING SANDER

Designed for general-purpose sanding. Good for fine finishing wood, metal, plastic. Extra fast 10,000 orbits per minute means smoother finishing, faster material removal and easier use. Designed for one or two-hand control. Flush sands on 3 sides. Double insulated. Front handle for extra control. Paper size 3⅝″ x 9″ (⅓ standard sheet); 120V AC; 1.5 amps.; .15 HP (Max. Motor Output); 10,000 OPM; net wt. 3 lbs., ship. wt. 3¾ lbs.

## 7440 COMMERCIAL HEAVY-DUTY SANDER

A good choice for heavy-duty finishing sanding and fastest stock removal. Extra power and performance and rated for continuous production service. Big half sheet sanding surface and super fast orbital action gets the job done fast and easily. 3 ball bearings for long life. Flush sands on 3 sides. 4½″ x 11″ abrasive paper; 120V AC/DC; .25 HP (Max. Motor Output); 9000 OPM; 3 amps.; net wt. 7½ lbs., ship. wt. 8¾ lbs.

commercial duty

SANDER ACCESSORIES PAGE 26

# SANDER ACCESSORIES

## ABRASIVE PAPERS

Open coat, aluminum oxide, for all platen-type power sanders using sizes shown. 6 sheets per pkg.

| 3⅝" x 9" size | | 4½" x 11" size | |
|---|---|---|---|
| U1413 | 60 grit | U1416 | 60 grit |
| U1414 | 100 grit | U1417 | 100 grit |
| U1415 | 150 grit | U1418 | 150 grit |

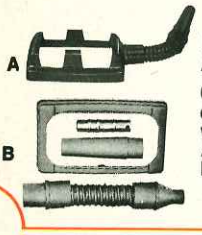
U1405 Assortment of 2 #60, 2 #100, 2 #150 grit
74-404 Assortment of 8 #60, 8 #100, 9 #150 grit

## 74-000 DUST COLLECTING SANDING ATTACHMENT

Attaches to 7424, 7414, 7480, 7490 finishing sanders. Built-in fan and dust collecting sanding attachment keep work area clean with "vacuum action". No vacuum cleaner needed.

## U1046 DUST COLLECTOR FOR BELT SANDERS

Attaches to #7450, U144 or U244 Belt Sanders for dust collected sanding. Zippered bag empties collected dust easily. Powered by sander motor.




## DUST COLLECTING SANDING ATTACHMENTS

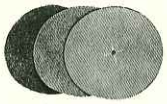
Convert B&D Finishing Sanders to dust collecting operation by using attachment and most tank-type vacuum cleaners.
A 74-001 For #7404 and 7430 Finishing Sanders.
B U1045 For all non-double-insulated B&D Finishing Sanders except #7440.

## SANDING BELTS

Fits B&D and other belt sanders using sizes shown. Open coat aluminum oxide abrasives.

**TWO BELTS PER PACKAGE.**

| Cat. No. | Size | Grit |
|---|---|---|
| 74-500 | 3" x 18" | 36 extra coarse |
| 74-501 | 3" x 18" | 60 coarse |
| 74-502 | 3" x 18" | 80 medium |
| 74-503 | 3" x 18" | 100 fine |
| 74-510 | 3" x 21" | 36 extra coarse |
| 74-511 | 3" x 21" | 60 coarse |
| 74-512 | 3" x 21" | 80 medium |
| 74-513 | 3" x 21" | 100 fine |
| 74-520 | 3" x 24" | 36 extra coarse |
| 74-521 | 3" x 24" | 60 coarse |
| 74-522 | 3" x 24" | 80 medium |
| 74-523 | 3" x 24" | 100 fine |
| 74-540 | 4" x 21¾" | 36 extra coarse |
| 74-541 | 4" x 21¾" | 60 coarse |
| 74-542 | 4" x 21¾" | 80 medium |
| 74-543 | 4" x 21¾" | 100 fine |



## 7" SANDING DISC (pkg. of 4 each)

U1492 36 grit
U1491 50 grit
U1490 80 grit
U1489 assortment (2 #80 grit, 2 #50, 2 #36).

## 7" BACKING PAD

U1315 Use with 7" Sanding Discs. Threaded shank. Do not use at speeds higher than 3200 rpm.

## POLISHING PADS FOR FINISHING SANDERS

Synthetic lambswool polishing pads that fit any 3⅝" x 9" (⅓ sheet) and 4½" x 11" (½ sheet) finishing sanders. Give added versatility to already versatile tools. Excellent for polishing furniture, cars, etc.
74-405 3⅝" x 9" Polishing Pad
74-406 4½" x 11" Polishing Pad

# BENCH GRINDER ACCESSORIES

## ACCESSORIES FOR #7915 BENCH GRINDER DELUXE WIRE WHEEL BRUSHES

70-162 6" Coarse • 5000 Max. RPM.
70-163 6" Fine • 3750 Max. RPM.
70-164 6" Medium • 3750 Max. RPM.
70-165 6" 2-Section Coarse • 3750 Max. RPM.

## GRINDING WHEELS

U1441 6" x ⅝" x ½" Medium Grit • 4136 Max. RPM.
U1442 6" x ⅝" x ½" Fine Grit • 4136 Max. RPM.
U1446 6" x ½" x ½" Medium Grit • 3825 Max. RPM.

## U34575 SHATTER-PROOF EYE SHIELDS

**(not illuminated)**

One 3¼" x 5¼" Eye Shield (Customer must order a pair to fully equip #7915 Bench Grinder).
Includes glass, bracket, bolts.

## ACCESSORIES FOR #7900 BENCH GRINDER

New

Grinding Wheels 3600 Max. RPM; wire wheel brushes 5000 Max. RPM

A. 79-255 4" x ⅝" x ½" Cushioned-Action Abrasive Polishing Wheel
B. 79-555 5" x ⅝" x ½" Coarse Grit Grinding Wheel
B. 79-556 5" x ⅝" x ½" Medium Grit Grinding Wheel
C. 70-142 4" Coarse Deluxe Wire Wheel Brush
C. 70-143 4" Fine Deluxe Wire Wheel Brush
D. U1322 4" x ⅝" x ½" Cotton Buff

## U2106 SAFETY GLASSES

Lightweight, one-piece, impact, resistant, clear plastic safety glasses with side shields. Can be worn directly over eyes or over prescription glasses. Comfortable.

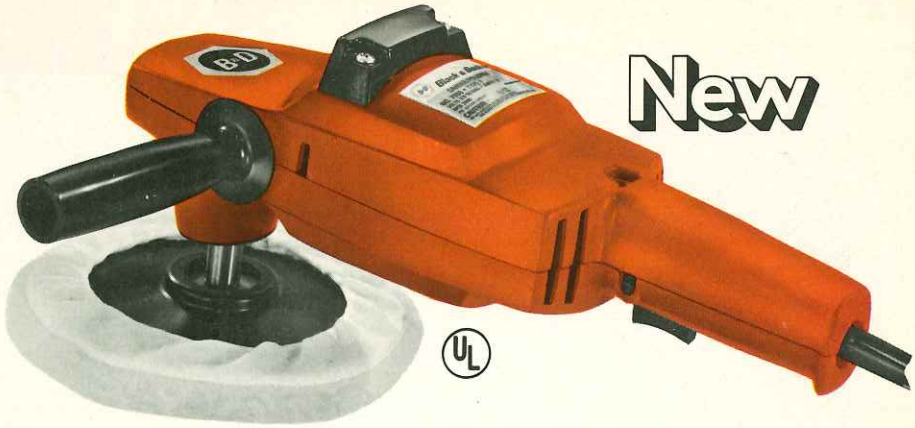
# PERCUSSION CARBIDE BITS

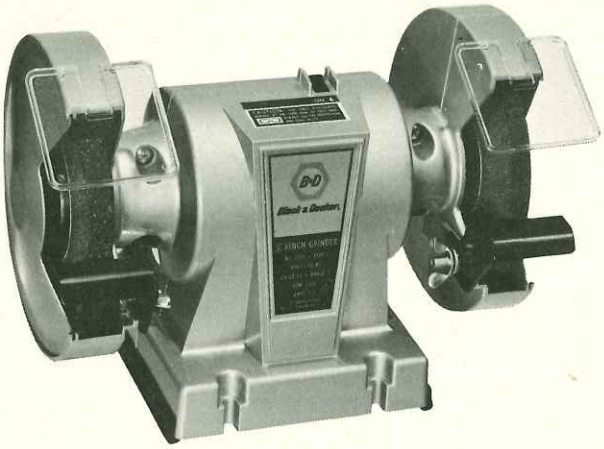
The least expensive bit **per hole drilled** when compared with star drills or diamond bits, provided they are kept sharp. See your B&D dealer or B&D Service Center for expert bit sharpening.

| Cat. No. | Bit Diam. | Usable Drilling Depth |
|---|---|---|
| U51060 | ¼" | 4¼" |
| U55573 | 5/16" | 2⅞" |
| U55574 | ⅜" | 2¾ |
| U55577 | ½" | 4 7/16" |

### 7960 VALUE-PLUS™ SANDER/POLISHER

Versatile. It's a sander, it's a polisher. Attach the sanding disc and backing pad and it's a smooth-running sander. Remove the sanding disc and attach the polishing bonnet and it's a time-saving polisher. Ball and roller bearings throughout. Compact, lightweight. Non-marring tool rests. Reversible side handle. Includes 7" quick-change backing pad, clamp washer, 7" sanding disc, 7" polishing bonnet. 1.25 HP (Max. Motor Output); 2400 RPM; 7 amps.; 120V AC; ⅝" - 11 spindle thread; net wt 9 lbs, ship wt 10 lbs.



### 7900 5" BENCH GRINDER

Here's a low priced bench grinder that every home workshop should have. Sharpens knives, hatchets, drill bits, lawn mower blades, chisels, etc. Balanced vitrified aluminum oxide grinding wheels give smooth performance. Self-aligning oil-impregnated bearings for accurate work. 8½"-wide wheel spread permits side grinding longer length objects. Motor housing placement allows greater working area around wheels. Includes: ½" wide 4" cushioned-action abrasive polishing wheel, ½" wide 5" coarse grit grinding wheel, tool rests, wheel guard covers, eye shields, rubber feet. 2.2 amps; 3400 RPM; 120V AC; 60 cycle; ship. wt. 10¼ lbs.

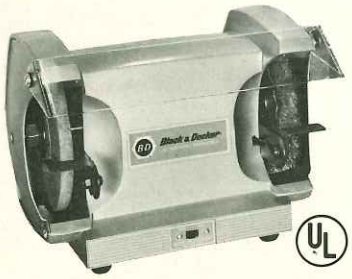
### 7915 6" COMMERCIAL HEAVY-DUTY BENCH GRINDER

Greater wheel clearance (⅞") permits longer use of grinding wheel. Long life, enclosed motor. Keeps out abrasive dust. Tool rests adjustable for wheel wear. Spark shields adjustable for angle wear. Includes 6" grinding wheel, 6" wire wheel brush, 2 adjustable tool rests, 2 adjustable spark shields. .50 HP (Max. Motor Output); 4.4 amps, 3600 no-load RPM; 120V AC; ship. wt. 25 lbs.

**NOTE:** Eye shields U34575, shown, are optional at extra cost. Customer must order a pair (two U34575) of eye shields to equip grinder as shown.

**When operating a bench grinder, eye shields or safety glasses should be used.**

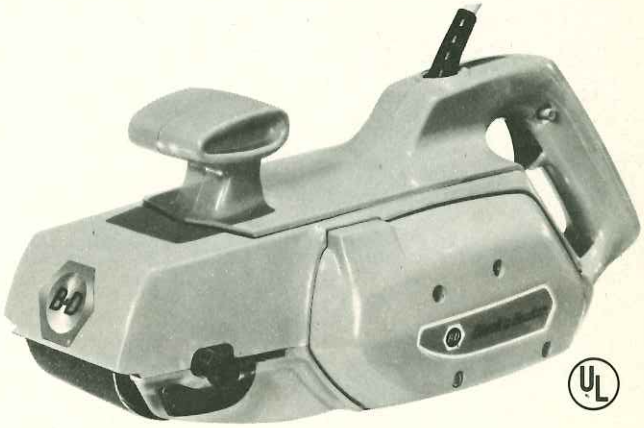
commercial duty



GRINDING WHEELS **U1442** 6" Fine Grit
**U1446** 6" Med. Grit

### 7910 6" BENCH GRINDER

Does innumerable home workshop jobs of grinding, cleaning, polishing. Adjustable eye shield, 2-way adjustable tool rest, removable end-covers. Positive wheel clamping, easy wheel changes. Includes U1446 6" medium grit grinding wheel and U1205 6" medium wire wheel brush. .33 HP (Max. Motor Output) intermittent; 4.6 amps; 120V AC; single phase, 60 cycle; 3600 RPM no-load speed; net wt. 15 lbs., ship. wt. 18 lbs.



### 7450 3" x 24" LCG BELT SANDER

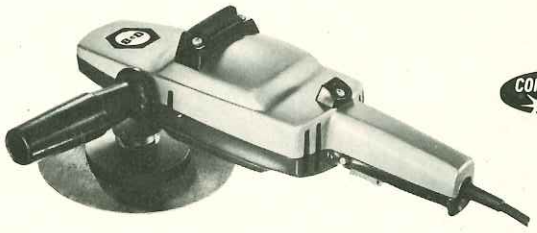
LCG (low center of gravity). Motor between pulleys puts weight where it counts. No tilting, gouging, rocking. Up-front controls for easy belt installation and tracking. Gear driven for smooth power transmission. Long life roller bearings and sleeve bearings. Adapts to optional U1046 dust collector attachment. Takes 3" x 24" belts. 1200 SFPM; 13.8 sq. in. of sanding surface; 120V AC; 5.2 amps; .75 HP (Max. Motor Output); net wt. 8¾ lbs., ship. wt. 11 lbs.

5

commercial duty

### 7460 3" x 24" LCG 2-SPEED DUST COLLECTING BELT SANDER

Has all the features of 7450, above, plus the following important additions. 2 SPEEDS: high speed for fast material removal, low speed for better control and smooth finishing. DUST COLLECTOR: powered by sander motor, keeps dust under control. Takes 3" x 24" belts. 1050 and 1250 SFPM; 13.8 sq. in. of sanding surface; 120V AC; 4.2/5.5 amps; .85 HP (Max. Motor Output); net wt. 9 lbs., ship. wt. 11¼ lbs.



commercial duty

### 7950 7" COMMERCIAL-DUTY DISC SANDER

Compact. Gets into tight corners. Moderate weight and reversible side handle provide full control. Ball and roller bearings for long life. Non-marring tool rests. Includes 3½" quick-change backing pad. 7" phenolic disc, clamp washer. 1.25 HP (Max. Motor Output); 4500 RPM; 7 amps; 120V AC; ⅝"—11 spindle thread; net wt. 9 lbs., ship. wt. 10 lbs.

BENCH GRINDER ACCESSORIES PAGE 26

### 7665 8 GAL. WET & DRY VACUUM CLEANER

Designed for picking up wet or dry materials around the pool, patio, boat, in the cellar, garage, or wherever quick cleanups are needed. Good for rug shampooing too. Handy for people in the service trades. Sturdy steel drum has baked epoxy interior for rust resistance. Automatic float shutoff protects motor from water. 4⅓ gallons water pick-up capacity.

Two large rear wheels and front pivot wheel give easy mobility. Equipped with 2½″ positive lock inlet that takes 1¼″ and 2½″ hoses without adaptors. Hose connection on side makes tipping less likely. Included extension tubes permit floor cleaning.

Long-lasting steel tank, 6 ft. 1¼″ plastic hose, two 20″ extension tubes, 6″ master nozzle with brush and squeegee attachments, foam filter bag, 5 paper filter bags, 1 HP, 5. 5 amps., 120V AC/DC, ship. wt. 23¾ lbs.

### 7660 10 GAL. DELUXE ALL-PURPOSE VACUUM CLEANER

LARGE TEN GALLON CAPACITY. Handles the big jobs without emptying. For picking up dry materials only. Hose connection on side of tank makes tipping less likely. Convenient fixture on top for electric cord when not in use.

Two large rear wheels and small front pivot wheel give easy mobility. Large 2½″ diam. hose for man-type cleaning jobs.

Can also be used as a powerful blower.

Included extension tubes permit floor cleaning. Good for home workshop or service trades.

Has adaptor to permit use of 1¼″ diam. accessories too.
Rectangular nozzle perfect for picking up wood chips, etc.

Long-lasting steel tank, 6 ft. 2½″ diam. plastic hose, two 20½″ extension tubes (U1463-2), 2½″ to 1¼″ diam. conversion size reducer, rectangular nozzle and brush, paper filter bag, .75 HP, 5.2 amps., 120V AC/DC, net wt. 22 lbs., ship. wt. 23 lbs.

### 7655 5 GAL. DELUXE ALL-PURPOSE VACUUM CLEANER

For picking up dry materials only. Two large rear wheels and small front pivot wheel give easy mobility.

Hose connection on side of tank makes tipping less likely. Convenient fixture on top for wrapping electric cord around when not in use.

Included extension tubes permit floor cleaning. Good for home workshop or anyplace for big, fast clean-up jobs.

Can also be used as a powerful blower.

Large 2½″ diam. hose for man-type cleaning jobs.

Has adaptor to permit use of 1¼″ diam. accessories too.

Rectangular nozzle perfect for picking up wood chips, etc.

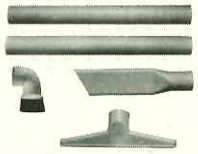
Long-lasting steel tank, 6 ft. 2½″ diam. plastic hose, two 20½″ extension tubes (U1463-2), 2½″ to 1¼″ diam. conversion size reducer, rectangular nozzle and brush, paper filter bag. .75 HP, 5.2 amps., 120V AC/DC, ship. wt. 18⅞ lbs.

### 7651 5 GAL. ALL-PURPOSE VACUUM CLEANER

For picking up dry materials only. Has same features and equipment as #7655 above, except U1463-2, two 20½″ extension tubes, are not included; and net wt. is 16¾ lbs., ship. wt. 20 lbs. Accepts optional #76-671 3-wheel dolly for easy mobility, added convenience.

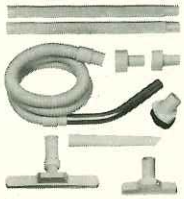
### U1482 2½″ DIAM. VACUUM CLEANER ACCESSORY SET

5 PIECES. Provides vacuum cleaner user with hose attachments to do virtually every job. Includes 1 U1463-2 (pkg. of 2) 20½″ Nozzle Extension Tubes, U1464 14″ Floor Nozzle, U1480 Crevice Tool, U1481 Round Nozzle with Brush.



### U1483 1¼″ DIAM. VACUUM CLEANER ACCESSORY SET

8 PIECES. Gives vacuum cleaner user hose attachments to do just about every job. Includes U1468 Conversion Size Reducers, U1473 Round Brush, 76-695 6″ Master Head, U1475 Crevice Tool, 1 U1476-2 (pkg. of 2) 20″ Nozzle Extension Tubes, 76-690 10″ Master Head, U1478 6′ Extension Hose.





VACUUM CLEANER ACCESSORIES PAGE 29

# Black & Decker VACUUM CLEANER ACCESSORIES

### 76-685 VACUUM CLEANER ACCESSORY ASSORTMENT

Increase the versatility and usefulness of Nos. 7651, 7655 and 7660 Deluxe All-Purpose Vacuum Cleaners. 4 PIECES: Includes: U1464 14" floor nozzle with brush. 76-695 6" master head; U1481 round nozzle with brush; U1480 crevice tool with 2½" diam. hole.

| | CAT. NO. | ITEM | USE |
|---|---|---|---|
| 1¼" DIAMETER ACCESSORIES | U1473 | Round Brush, 1¼" diam. | Ideal for cleaning bins, shelves, car floors, other small areas. |
| | U1475 | Crevice Tool, 1¼" diam. | Cleans radiators, crevices in car and furniture cushions. |
| | U1476-2 | Two 20" Extension Tubes, 1¼" diam. | Use joined to attach to floor tools. |
| | U1478 | 6 ft. Extension Plastic Hose w/ends, 1¼" diam. | Use with 1¼" diam. accessories. |
| | 76-690 | 10" Master Head, 1¼" diam. | Use with 76-691, 76-692, 76-693, 76-694 attachments. |
| | 76-691 | 10" Shag Rug Shoe, 1¼" diam. | Fits 76-690. Cleans shag rugs. |
| | 76-692 | 10" Squeegee Shoe, 1¼" diam. | Fits 76-690. Assists in picking up water. |
| | 76-693 | 10" Brush Shoe, 1¼" diam. | Fits 76-690. Cleans wood, tile, concrete floors. |
| | 76-694 | 10" Rug Shoe, 1¼" diam. | Fits 76-690. Cleans all rugs except shag type. |
| | 76-695 | 6" Master Head, 1¼" diam. | Use with 76-696 and 76-697 attachments. |
| | 76-696 | 6" Brush Shoe, 1¼" diam. | Fits 76-695. Cleans hardwood, tile and concrete floors. |
| | 76-697 | 6" Squeegee, 1¼" diam. | Fits 76-695. Assists in picking up water. |
| | U1468 | 2½" to 1¼" diam. Conversion Size Reducer | Permits use of 1¼" accessories on 2½" hose. |
| | U1469 | Paper Filter Bags, pkg, of 5 | Fits over U1470 bag for quick replacement. |
| | U1470 | Cloth Filter Bag (std. equip. with cleaner) | Filters air passing through motor. |
| | 76-671 | Dolly fits #7651 5 gal. vacuum cleaner. Large whitewall rear tires. Smaller front wheel pivots. | Gives convenient mobility to cleaner. |
| 2½" DIAM. ACCESSORIES | U1461 | Rectangular Nozzle w/brush, 2½" diam. (Std. equip. with cleaner) | For bulk pick-up of wood shavings, leaves from patio, etc. |
| | U1462 | 6 ft. plastic hose with coupling, 2½" diam. (Std. equip. with cleaner) | Connect cleaner to 2½" diam. attach. |
| | U1463-2 | Two 20½" Nozzle Extension Tubes, 2½" diam. | Use joined to attach to floor tools. |
| | U1464 | 14" Floor Nozzle with brush, 2½" diam. | Thoroughly cleans floors, walls. |
| | U1481 | Round Nozzle with brush, 2½" diam. | Perfect for dirt, shavings, sawdust around irregular surfaces. |
| | U1480 | Crevice Tool, 2½" diam. | For use with 2½" diam. hose for cleaning radiators, crevices in car and furniture cushions. |

**Foam Filter and Squeegee Nozzle for 7665 Wet & Dry Vacuum Cleaner available at Black & Decker Service Centers.**

# COMMERCIAL-DUTY POWER TOOLS

commercial duty

### 7940 HIGH POWER COMMERCIAL-DUTY ½" ELECTRIC IMPACT WRENCH

Crisp, dependable power packed into a beautifully balanced 6¼ lb. tool only 8¾" long. EXCLUSIVE 'rocker switch' for forward and reverse allows rocking tight nuts and bolts to break them loose easily. Small, compact design lets you reach into tight areas around engine block and chassis, yet powerful enough to spin off wheel lugs. Versatile, economical. A good choice for general purpose automotive work. .50 HP (Max. Motor Output); 7.7 amps.; 120V AC/DC; 2400 impacts per minute; ½" square drive; ½" bolt capacity; net wt. 6 ¼ lbs., ship. wt. 9½ lbs.

### 7970 COMMERCIAL-DUTY POLISHER

Ball and roller bearings throughout assure smooth-running performance. Powerful motor lets you bear down without overloading motor. Maintains proper load speed for best results. Compact design and light weight for easy use on horizontal, vertical and tight areas. Non-marring tool rests. Reversible side handle. Helicon gears give long, trouble-free service.
Includes 7" quick-change backing pad, clamp washer, 7" polishing bonnet. 1.25 HP (Max. Motor Output); 2400 RPM; 7 amps.; 120V AC; ⅝"—11 spindle thread; net wt. 9 lbs., ship. wt. 10 lbs.

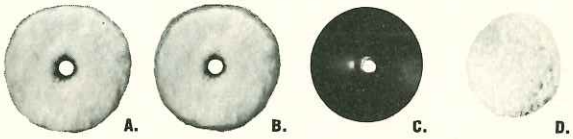
commercial duty

commercial duty

### 7929 ⅜" COMMERCIAL-DUTY HAMMER-GUN® HAMMER DRILL

A combination Hammer and Drill. Lightweight. Exceptional value for performance delivered. Positive-locking shift collar converts tool instantly from percussion drilling (in concrete, brick or tile) to straight rotary drilling (in steel or wood). Accurate, positive depth gauge permits drilling holes to exact depth desired. Ideal for general-purpose use. Roller bearings at heavy load points. Capacity: masonry 9/16", hard brick, tile, porcelain ⅜"; steel ¼", wood ¾"; 1600 RPM; .50 HP (Max. Motor Output); 3.2 amps; 120V AC; net wt. 4⅜ lbs., ship. wt. 4½ lbs.

# POLISHER ACCESSORIES



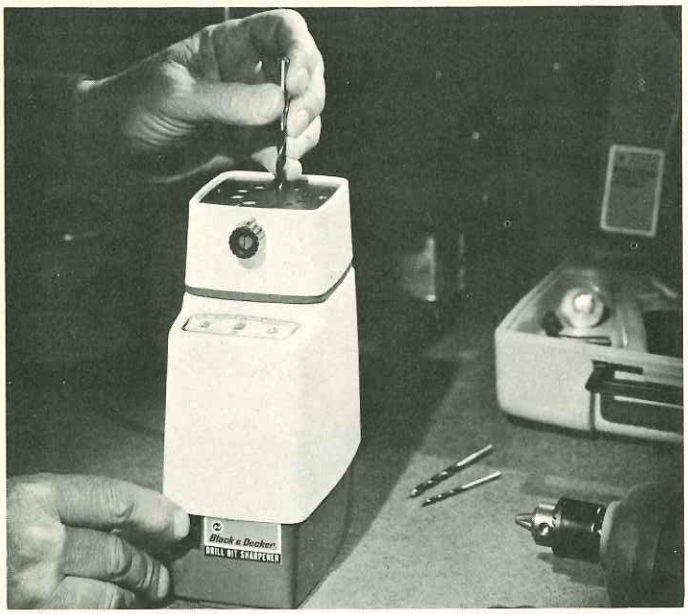

Work perfectly with #7970 polisher to give fast, perfect polishing every time.

**A. U13086** 7" Polishing Pad
**B. U13087** 7" Polishing Bonnet
**C. U51824** 7" Rubber Backing Pad with Clamp Washer. Do not use at speeds higher than 4000 rpm.
**D. U1311** 7" Polishing Bonnet

6

# Black & Decker®

## DRILL BIT SHARPENING EQUIPMENT




### 7980 DRILL BIT SHARPENER

Exclusive. Truly a unique new power tool for the home or shop. Save time and money, avoid inconvenience. Resharpen dull or broken carbon and high speed steel twist bits on the spot. (Does not resharpen carbide-tipped drill bits). Accepts 11 different sizes: 1/8" 9/64", 5/32", 11/64", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8". Double-insulated for maximum user safety. Bits require no oil or lubricants. Lightweight and compact. .20 HP (Max. Motor Output); 1.9 amps; 3000 RPM; 120V AC; net wt 4½ lbs, ship wt 5½ lbs.

### 79-800 DRILL BIT SHARPENER ATTACHMENT

Attachment fits all Black & Decker and most other makes of 1/4" and 3/8" pistol grip drills (as shown) with speeds less than 3000 RPM. (Not for use with ½" drills.) See page 7 for specifications.

### 79-520

2¼" diameter Replacement Grinding Wheel for Drill Bit Sharpener.

### 9301 CORDLESS SOLDERING PENCIL

**Cordless Convenience. Use indoors or outdoors, anywhere.** Weighs only 6 oz. Just 7½" long. Housing of high-impact resistant plastic. Built-in light illuminates soldering area. Handy for hobbies, home repairs. Good for electricians, repairmen. Includes 2 nickel cadmium batteries, charger and tool rest. Will solder 35 to 100 joints per charge depending upon type of application. Heats in seconds. Finger-tip ON-OFF button for safety and convenience.

**SOLDERING TIPS**



**91-301** Replacement Chisel Soldering-Tip

**91-302** Precision Soldering Tip

### 7761 AIR COMPRESSOR WITH SPRAY GUN & INFLATOR KIT

**Black & Decker revolutionizes the Air Compressor!** It's piston-powered, sure-working and simple. IT PAINTS, IT SPRAYS, IT INFLATES. Gives professional-type results in a wide range of do-it-yourself and home maintenance projects. Advanced engineering makes operation and maintenance of both compressor and accessories simple. Spray gun **sprays latex paint** as well as oil base paint, shellac, lacquer and many other liquids. Easy to clean. Specifications: Up to 65 PSI; .7 CFM @ 20 PSI; net wt of compressor: 8½ lbs; 120V AC; 3.5 amps; cord length: 6 ft; air hose length: 8 ft; double insulated; constructed of impact-resistant ABS material.

**Also available: 7760 Basic Air Compressor and Inflator Kit**

### AIR COMPRESSOR ACCESSORIES

For use with Black & Decker air compressor or any other air compressor operating at 65 PSI or less.

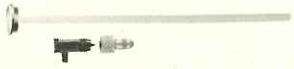
**77-500 Spray Gun**

Includes valve, tube and nozzle assembly with 2 nozzle caps.

**77-510 Caulking Gun**

**77-532 Disposable Valve and Nozzle Set**

Includes valve, tube and nozzle assembly with 2 nozzle caps.



**84-001 Garden Spray Nozzle**

Adjusts for fine spray or full stream.

**77-525 Quick Connect Set**

Includes adapter and couplers to equip 2 accessories for quick connection.

**77-535 Quick Connect Couplers (2)**

Used to equip additional accessories for quick connection.

**77-534 Inflator Kit**

Contains (1) needle valve, (1) tire inflator, (1) universal nozzle, (1) inflator adapter.

**77-530 Face Mask**

Used when spraying, dusting, etc.

**77-531 Face Mask Filters**

For replacement of filters used in 77-530 mask. 5 filters to package.

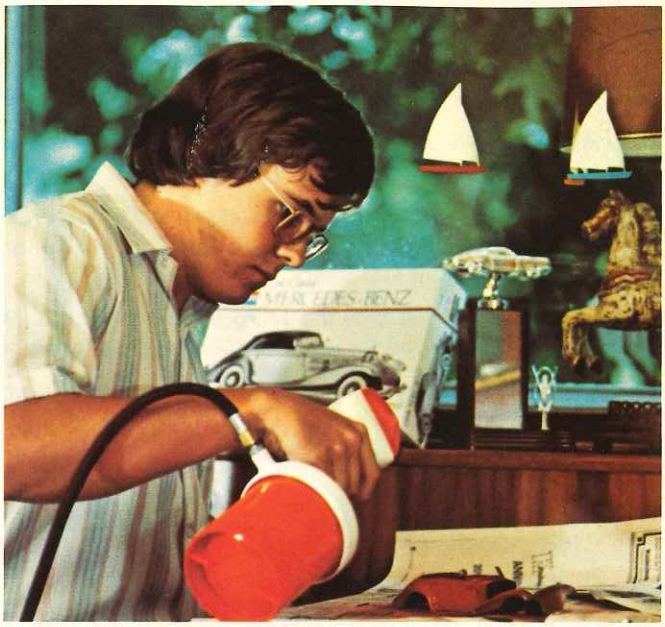
**77-533 Paint Strainers**

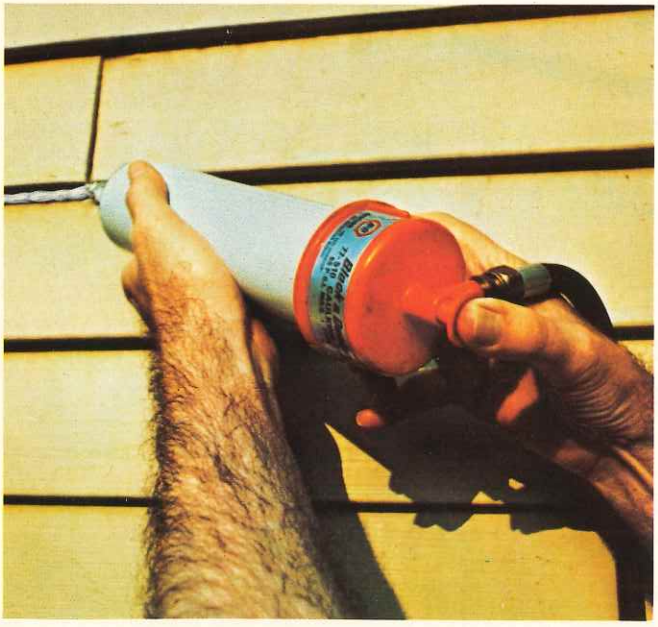
50 strainers to a box.

**77-536 15 foot Air Hose**

**77-537 25 foot Air Hose**

# *Black & Decker*® AIR COMPRESSOR





Black & Decker RAPID EXCHANGE CONSUMER SATISFACTION GUARANTEE (See page 23)

# Black & Decker® MOD 4™ Cordless System

The MOD 4 Cordless System operates on the principle of a universal, rechargeable high Energy Pak that attaches to a variety of MOD 4 Power Tools. Each tool is designed and engineered to perform its own specific function.

The MOD 4 System . . . Offers you the opportunity to have more cordless power tools because they cost less. Once you purchase a complete tool with the Energy Pak and Recharger, you save every time you need a new tool by just purchasing the tool head.

The drawing, below, shows how the MOD 4 System works. Note that the system includes lawn and garden tools too, so that you can have Indoor and Outdoor cordless power tools at savings.

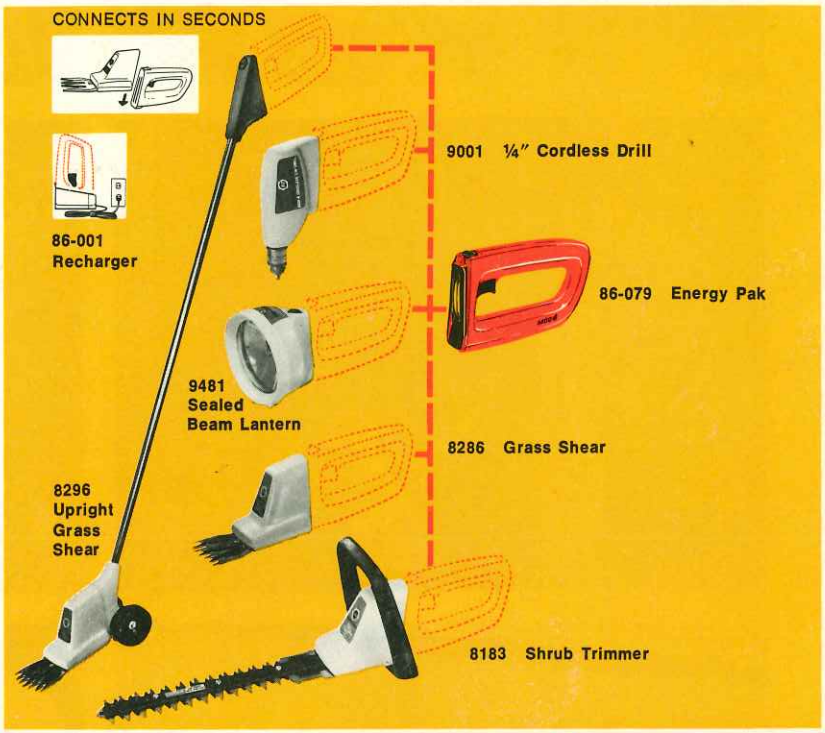
The MOD 4 System makes sense for every home owner who wants to enjoy the great advantages of cordless tools, indoors and outdoors.

See Black & Decker Folder 871 for information on Lawn and Garden MOD 4 tools.

*TM*: A trademark of The Black & Decker Mfg. Co.

**9001 ¼" DRILL with Interchangeable Energy Pak and Recharger**

Goes where the job is . . . indoors or outdoors. No fuss with electrical outlets and extension cords. Chuck speed 750 RPM. Housing is break resistant. Convenient built-in chuck key holder. Includes Tool and Accessory Holder for convenient storage.



***9481 SEALED BEAM LANTERN with Interchangeable Energy Pak and Recharger**

Ideal for camping, boating, around the house or in the car. Gives up to 6300 candle power for up to 2½ hours on a single charge. Lantern head has secondary switch for permanent "on" position. Strong ABS housing is break resistant. Tool and Accessory Holder included.

**9000 ¼" DRILL HEAD**

Operates with MOD 4 Interchangeable Energy Pak and Recharger. Performs same as 9001 ¼" Drill. Built-in chuck key holder.

**86-001 16 HOUR RECHARGER**

Recharges MOD 4 Energy Pak which can be attached to recharger when not in use with no danger of overcharging. Can be wall mounted for convenience.

**86-100 TOOL AND ACCESSORY HOLDER**

Mounts on wall to hold MOD 4 tool heads or Upright Shear (with Energy Pak removed).

**86-079 ENERGY PAK**

This rechargeable Energy Pak is the power source for all tools in the MOD 4 Cordless System. Recharges by snapping into Recharger as simply as it snaps into all tools. Features automatic safety switch to guard against accidental tool starting. With frequent use and recharging, Energy Pak will give years of dependable service.

***9480 SEALED BEAM LANTERN HEAD**

Operates with MOD 4 Interchangeable Energy Pak and Recharger. Performs same as 9481 Lantern.

Black & Decker® Towson, Maryland 21204 Form 290 4/75 Printed in U.S.A.